Journal of Non-Crystalline Solids 156–158 (1993) 999–1010
North-Holland

JOURNAL OF
NON-CRYSTALLINE SOLIDS

Author index

Aharoune, A., F.A. Kuhnast and C. Cunat, A modelization of the specific heat in the glass transition range for glassy alloys 156–158 (1993) 523
Aharoune, A., see Fiorani, J.M. 156–158 (1993) 188
Alekseev, V.A., L.A. Blagonravov, F. Modkhen and I.V. Samorodskaja, The adiabatic thermal pressure coefficient of expanded liquid alkali metals 156–158 (1993) 659
Alekseev, V.A., O.I. Barkalov, S.L. Isakov, S.N. Ishmaev, E.G. Ponyatovsky and I.P. Sadikov, Short range order in amorphous $Zn_{41}Sb_{59}$ obtained by thermopressure processing 156–158 (1993) 185
Allia, P., M. Baricco, P. Tiberto and F. Vinai, Electrical-resistivity evolution in $Fe_{73.5}Cu_1Nb_3Si_{13.5}B_9$ during the amorphous-to-nanocrystalline transformation 156–158 (1993) 585
Amano, H., see Suzuki, K. 156–158 (1993) 328
Anazawa, K., Y. Hirotsu and Y. Ichinose, High-resolution electron microscope observation of medium-range atomic ordering in amorphous alloy 156–158 (1993) 196
Anderson, P., see Schäfer, G. 156–158 (1993) 803
Andonov, P., S. Kimura and T. Sawada, Clustering in the $LiNbO_3$ melt 156–158 (1993) 783
Antonov, V.E., see Barkalov, O.I. 156–158 (1993) 544
Aoki, K.M. and F. Yonezawa, Constant pressure molecular dynamics simulations of the crystal–smectic transition in systems of anisotropic soft-core molecules as a model for liquid crystals. 156–158 (1993) 986
Arai, M., see Calvo, M. 156–158 (1993) 53
Arnold, R., see Solbrig, H. 156–158 (1993) 272
Asahi, N., T. Maki, T. Kishida and K. Tatsugawa, A comparison between quasicrystalline $Al_{65}Cu_{20}Fe_{15}$ alloys obtained by liquid solidification and mechanical alloying 156–158 (1993) 927
Asahi, N., see Haruyama, O. 156–158 (1993) 445
Asai, S., see Hasegawa, M. 156–158 (1993) 617
Ashcroft, N.W., The metal–insulator transition: complexity in a simple system 156–158 (1993) 621
Babić, E., see Ivkov, J. 156–158 (1993) 307
Bächli, A., see Stricker, A.D. 156–158 (1993) 612
Baer, S., Diffusive motion and structural correlations in condensed systems 156–158 (1993) 141
Bai, H.Y., see Liu, B.X. 156–158 (1993) 603
Balogh, J., see Kaptás, D. 156–158 (1993) 336
Balucani, U., A. Torcini and R. Vallauri, Liquid alkali metals: microscopic dynamics and transport coefficients 156–158 (1993) 43
Baricco, M., L. Battezzati, G. Cocco, I. Soletta and S. Enzo, Structural and thermodynamic aspects of glass formation in Cu–Ti–H: role of hydrogen in mechanical alloying 156–158 (1993) 527
Baricco, M., see Allia, P. 156–158 (1993) 585
Barkalov, O.I., E.G. Ponyatovsky and V.E. Antonov, Solid state amorphization of the GaSb high pressure phase 156–158 (1993) 544
Barkalov, O.I., Metal–semiconductor transition in bulk amorphous Zn–Sb alloy under high pressure 156–158 (1993) 760
Barkalov, O.I., see Alekseev, V.A. 156–158 (1993) 185
Barnes, A.C., Liquid metal–semiconductor transitions 156–158 (1993) 675
Barocchi, F., M. Sampoli, F. Hensel, J. Rathenow and R. Winter, Experimental determination of the depolarized interaction-induced light scattering spectrum of mercury vapour at $T = 793$ K 156–158 (1993) 663
Barth, M., F. Joo, B. Wei and D.M. Herlach, Measurement of the enthalpy and specific heat of undercooled nickel and iron melts 156–158 (1993) 398
Battezzati, L., see Baricco, M. 156–158 (1993) 527
Baumann, F., see Boyen, H.-G. 156–158 (1993) 259
Baumann, F., see Boyen, H.-G. 156–158 (1993) 263
Baumann, F., see Gampp, R. 156–158 (1993) 236
Belegratis, M.S., see Tomiska, J. 156–158 (1993) 425
Belin, E., Z. Dankhazi and A. Sadoc, Valence and conduction band density of states in quasicrystals 156–158 (1993) 896
Bellissent, R., see Nuding, M. 156–158 (1993) 169
Benazzi, N., see Vinckel, J. 156–158 (1993) 493

0022-3093/93/$06.00 © 1993 – Elsevier Science Publishers B.V. All rights reserved

Benmore, C.J. and P.S. Salmon, Structure of fast-ion conducting chalcogenide glasses: the Ag–As–Se system 156–158 (1993) 720
Berger, C., see Klein, T. 156–158 (1993) 901
Beydaghyan, G., see Dunlap, R.A. 156–158 (1993) 344
Bhuiyan, G.M., J.L. Bretonnet and M. Silbert, Liquid structure of the 3d transition metals 156–158 (1993) 145
Bichara, C., A. Pellegatti and J.-P. Gaspard, Structure of liquid group V and VI elements: a tight binding computer simulation 156–158 (1993) 68
Bildstein, B. and G. Kahl, Triplet correlation functions in liquid metals 156–158 (1993) 107
Blagonravov, L.A., see Alekseev, V.A. 156–158 (1993) 659
Blatter, A., see Stricker, A.D. 156–158 (1993) 612
Boldrick, M.S., see Wagner, C.N.J. 156–158 (1993) 38
Bolse, W., see Schneider, S. 156–158 (1993) 498
Bongratz, R. and C. Morkel, Suppression of diffusion in the Lorentz gas 156–158 (1993) 205
Boscherini, F., see D'Acapito, F. 156–158 (1993) 571
Bouchet-Fabre, B., A. Kebab and J. Dixmier, Short-range order in Co–Er–B metallic glasses 156–158 (1993) 161
Boyen, H.-G., G. Indlekofer, P. Oelhafen, M. Dürrwächter, P. Häussler and F. Baumann, Core level shifts in amorphous transition metaltin alloys 156–158 (1993) 263
Boyen, H.-G., G. Indlekofer, R. Gampp, A. Cossy-Favre, P. Oelhafen, A. Taleb and F. Baumann, Synchrotron radiation study on amorphous Au–Sb and Au–Sn 156–158 (1993) 259
Boyen, H.-G., see Cossy-Favre, A. 156–158 (1993) 246
Boyen, H.-G., see Dürrwächter, M. 156–158 (1993) 241
Boyen, H.-G., see Dürrwächter, M. 156–158 (1993) 817
Boyen, H.-G., see Gampp, R. 156–158 (1993) 236
Boyen, H.-G., see Oelhafen, P. 156–158 (1993) 219
Bratkovsky, A.M. and A.V. Smirnov, Recursion-TB-LMTO calculations of the electronic structure of amorphous Ni–B, Fe–B and Zr–Be 156–158 (1993) 255
Bratkovsky, A.M. and A.V. Smirnov, X-ray absorption fine structure of the model amorphous and crystalline Ni_2B alloy 156–158 (1993) 137
Bratkovsky, A.M., S.L. Isakov, S.N. Ishmaev, I.P. Sadikov, A.V. Smirnov, G.F. Syrykh, M.N. Hlopkin and N.A. Chernoplekov, Structure and dynamics of amorphous Zr–Be alloys 156–158 (1993) 72
Bretonnet, J.L., see Bhuiyan, G.M. 156–158 (1993) 145
Bretonnet, J.L., see Jakse, N. 156–158 (1993) 149
Bros, J.P., see Hayer, E. 156–158 (1993) 379
Broyer, M., Metallic character of small metal aggregates as a function of their atomic structure 156–158 (1993) 787
Bruce, N.A. and G.J. Morgan, The density of states for transition metals described by a new type of pseudopotential 156–158 (1993) 251
Buffa, F., see D'Acapito, F. 156–158 (1993) 571
Busch, R., see Schneider, S. 156–158 (1993) 498
Bushman, A.V., V.E. Fortov and I.V. Lomonosov, Investigations of metals in the liquid and plasma states by use of shock waves 156–158 (1993) 631
Calvo, M., F. Montoya and M. Dzugutov, Three-dimensional characterization of models representing the structure of liquid and amorphous alloys 156–158 (1993) 89
Calvo, M., U. Dahlborg, C. Svensson Huldt, M. Arai, A.D. Taylor, W.S. Howells and R.G. Delaplane, Collective excitations in amorphous $Fe_{85}B_{15}$ 156–158 (1993) 53
Červinka, L., Modeling of medium-range order in metallic glasses: calculation of X-ray scattering in a $Ti_{61}Cu_{16}Ni_{23}$ glass 156–158 (1993) 94
Chacón, E., see Gómez, M.A. 156–158 (1993) 822
Chacón, E., see Hernandez, J.P. 156–158 (1993) 455
Chen, J.-Q., see Katayama, Y. 156–158 (1993) 687
Chen, J.-Q., see Tsuji, K. 156–158 (1993) 540
Chernoplekov, N.A., see Bratkovsky, A.M. 156–158 (1993) 72
Chevrier, J., J.-B. Suck and J.C. Lasjaunias, Lattice instability in aluminum–silicon solid solutions 156–158 (1993) 564
Chieux, P., see Maret, M. 156–158 (1993) 918
Cocco, G., see Baricco, M. 156–158 (1993) 527
Cocco, G., see Meiya, L. 156–158 (1993) 116
Comera, J., see Vinckel, J. 156–158 (1993) 493
Contamin, P., see Vinckel, J. 156–158 (1993) 493
Convert, P., see Zarbakhsh, A. 156–158 (1993) 177
Cossy-Favre, A., H.-G. Boyen, P. Oelhafen, I. Turek and J. Hafner, Electronic structure of amorphous Fe–Zr alloys 156–158 (1993) 246
Cossy-Favre, A., see Boyen, H.-G. 156–158 (1993) 259
Cossy-Favre, A., see Gampp, R. 156–158 (1993) 236
Cowlam, N., see Hunt, J.A. 156–158 (1993) 812
Cowlam, N., see Li, J.-C. 156–158 (1993) 532
Cowlam, N., see Meiya, L. 156–158 (1993) 116
Cowlam, N., see Zarbakhsh, A. 156–158 (1993) 177
Cunat, C., see Aharoune, A. 156–158 (1993) 523
Cunat, C., see Fiorani, J.M. 156–158 (1993) 188
Cyrot-Lackmann, F., see Klein, T. 156–158 (1993) 901
D'Acapito, F., F. Boscherini, F. Buffa, G. Vlaic, G. Paschina and S. Mobilio, Studying crystallization of amorphous metal alloys by time-resolved EXAFS 156–158 (1993) 571
Dahlborg, U., see Calvo, M. 156–158 (1993) 53
Dahlborg, U., see Davidovic, M. 156–158 (1993) 98
Dahlborg, U., see Nordström, A. 156–158 (1993) 347

Dankhazi, Z., see Belin, E. 156–158 (1993) 896
Dass, N., see Kumari, M. 156–158 (1993) 417
Davidovic, M., U. Dahlborg, I. Ebbsjo and W.S. Howells, The nature of interatomic interactions in liquid metals from small-angle $S(Q)$ data 156–158 (1993) 98
de Graaf, L.A., see de Jong, P.H.K. 156–158 (1993) 978
de Graaf, L.A., see de Jong, P.H.K. 156–158 (1993) 48
de Jong, P.H.K., P. Verkerk and L.A. de Graaf, Collective modes at very short wavelengths in liquid lithium 156–158 (1993) 48
de Jong, P.H.K., P. Verkerk, W. van der Lugt and L.A. de Graaf, The structure of liquid Li–Si alloys 156–158 (1993) 978
de Jonge, T., see Xu, R. 156–158 (1993) 293
Delaplane, R.G., see Calvo, M. 156–158 (1993) 53
Delaye, J.M. and Y. Limoge, Simulation of vacancies in a Lennard-Jones glass 156–158 (1993) 982
de Wijs, G.A., G. Pastore, A. Selloni and W. van der Lugt, Ab initio molecular dynamics study of liquid $Li_{12}Si_7$ 156–158 (1993) 961
de Wijs, G.A., see Price, D.L. 156–158 (1993) 34
Di Cicco, A. and A. Filipponi, Three-body distribution function in liquids: the case of liquid gallium 156–158 (1993) 102
Di Cicco, A., see Ottaviano, L. 156–158 (1993) 112
Diefenbach, A., F. Gillessen, D.M. Herlach and G. Dietz, Crystallization kinetics and glass formation in undercooled Fe–Ni–P–B alloy melts 156–158 (1993) 580
Dietz, G., see Diefenbach, A. 156–158 (1993) 580
Ding, B.Z., see Jiang, H.G. 156–158 (1993) 837
Dixmier, J., see Bouchet-Fabre, B. 156–158 (1993) 161
Domae, H., see Mizutani, U. 156–158 (1993) 882
Dong, J., see Kawakita, Y. 156–158 (1993) 756
Doyle, M., see Saboungi, M.-L. 156–158 (1993) 356
Dubois, J.M., see Maret, M. 156–158 (1993) 918
Duine, P.A., see Tuinstra, P. 156–158 (1993) 519
Dunlap, R.A., D.W. Lawther, M.E. McHenry, V. Srinivas and G. Beydaghyan, Physical properties of amorphous Al–Gd–transition metal alloys 156–158 (1993) 344
Dunlap, R.A., M.H. Yewondwossen and D.W. Lawther, Mössbauer effect studies of amorphous Al–Y–Ni–Fe alloys 156–158 (1993) 192
Dürrwächter, M., G. Indlekofer, H.-G. Boyen, P. Oelhafen and D. Quitmann, Core level binding energy shifts in liquid binary alloys: Au–Ga 156–158 (1993) 241
Dürrwächter, M., G. Indlekofer, H.-G. Boyen, P. Oelhafen and D. Quitmann, Surface core level shift for liquid and solid gallium 156–158 (1993) 817
Dürrwächter, M., see Boyen, H.-G. 156–158 (1993) 263
Dürrwächter, M., see Oelhafen, P. 156–158 (1993) 219
Dzugutov, M., Monatomic model of icosahedrally ordered metallic glass formers 156–158 (1993) 173
Dzugutov, M., see Calvo, M. 156–158 (1993) 89
Dzugutov, M., see Gudowski, W. 156–158 (1993) 125
Dzugutov, M., see Gudowski, W. 156–158 (1993) 130

Ebbsjo, I., see Davidovic, M. 156–158 (1993) 98
Edwards, P.P., see Schäfer, G. 156–158 (1993) 803
Egami, T., T. Tomida, D. Kulp and V. Vitek, Bond-orientational correlation in liquids and glasses 156–158 (1993) 63
Egami, T., see Kulp, D.T. 156–158 (1993) 510
Egelstaff, P.A., Static and dynamic structure of liquids and glasses 156–158 (1993) 1
Egry, I., G. Lohöfer and S. Sauerland, Surface tension and viscosity of liquid metals 156–158 (1993) 830
Egry, I., see Sauerland, S. 156–158 (1993) 833
El Bakkali, M., see Paulick, C. 156–158 (1993) 276
Enderby, J.E., see Saboungi, M.-L. 156–158 (1993) 356
Endo, H., Structural and electronic properties of liquid tellurium 156–158 (1993) 667
Endo, H., see Hosokawa, S. 156–158 (1993) 712
Endo, H., see Ikemoto, H. 156–158 (1993) 732
Endo, H., see Kawakita, Y. 156–158 (1993) 756
Endo, H., see T. Tsuzuki, 156–158 (1993) 695
Endo, H., see Yamamoto, I. 156–158 (1993) 302
Endo, H., see Yamamoto, I. 156–158 (1993) 728
Endo, H., see Yao, M. 156–158 (1993) 555
Endo, H., see Yao, M. 156–158 (1993) 807
Enzo, S., see Baricco, M. 156–158 (1993) 527
Enzo, S., see Meiya, L. 156–158 (1993) 116
Ettl, C. and K. Samwer, Concentration dependence of the Debye temperature in extended solid solutions near the crystal-to-glass transition 156–158 (1993) 502
Ettl, C., see Krill III, C.E. 156–158 (1993) 506
Evetts, J.E., see Li, J.-C. 156–158 (1993) 532

Faller, M., see Stricker, A.D. 156–158 (1993) 612
Fecht, H.-J., see Wunderlich, R.K. 156–158 (1993) 421
Filipponi, A., see Di Cicco, A. 156–158 (1993) 102
Filipponi, A., see Ottaviano, L. 156–158 (1993) 112
Fiorani, J.M., A. Aharoune, F.A. Kuhnast and C. Cunat, Theoretical analysis of stress changes during structural relaxation experiments for $Fe_{85-x}Co_xB_{15}$ glasses 156–158 (1993) 188
Fischer, P., see Uhlig, H. 156–158 (1993) 165
Fortner, J., see Saboungi, M.-L. 156–158 (1993) 356
Fortov, V.E., see Bushman, A.V. 156–158 (1993) 631
Fourcaudot, G., see Klein, T. 156–158 (1993) 901
Freyland, W., see Juchem, R. 156–158 (1993) 763
Freyland, W., see Tostmann, H. 156–158 (1993) 551
Fujiwara, T., Electronic structures and transport properties in quasicrystals 156–158 (1993) 865
Fukunaga, T., K. Okasaka and U. Mizu-

tani, Chemical short-range order in $(Ti_{76}Ni_{24})_x(Ti_{70}Cu_{30})_{1-x}$ neutron zero scattering amorphous alloys 156–158 (1993) 120
Fukunaga, T., see Kakinuma, F. 156–158 (1993) 76
Fukunaga, T., see Mizutani, U. 156–158 (1993) 297

Gampp, R., F. Baumann, H.-G. Boyen, A. Cossy-Favre, G. Gantner, P. Oelhafen and P. Häussler, Interplay of the atomic and electronic structure in liquid and amorphous Al–Ge alloys 156–158 (1993) 236
Gampp, R., see Boyen, H.-G. 156–158 (1993) 259
Gantner, G., see Gampp, R. 156–158 (1993) 236
Gaspard, J.-P., see Bichara, C. 156–158 (1993) 68
Gasser, J.-G., see Paulick, C. 156–158 (1993) 276
Gasser, J.-G., see Vinckel, J. 156–158 (1993) 493
Gaune-Escard, M., see Hayer, E. 156–158 (1993) 379
Ghafari, M., see Saida, J. 156–158 (1993) 547
Gillessen, F., see Diefenbach, A. 156–158 (1993) 580
Gläser, W., see Winter, R. 156–158 (1993) 9
Gnanasekaran, T. and H. Ipser, Partial thermodynamic properties of magnesium in ternary liquid Cu–Mg–Ni alloys 156–158 (1993) 384
Goldberg, F., see Stadnik, Z.M. 156–158 (1993) 909
Gómez, M.A. and E. Chacón, The structure and surface tension of the liquid–vapour interface of simple metals 156–158 (1993) 822
Görler, G.P., see Willnecker, R. 156–158 (1993) 450
Gránásy, L., Quantitative analysis of the classical nucleation theory on glass-forming alloys 156–158 (1993) 514
Gránásy, L., see Kaptás, D. 156–158 (1993) 336
Granato, A.V., Thermodynamic properties of liquid and amorphous monatomic metals from an interstitialcy model 156–158 (1993) 402
Grieco, J.C., see Klein, T. 156–158 (1993) 901
Gudowski, W., A. Mellergård, M. Dzugutov, W.S. Howells and P. Zetterström, The structure of molten bismuth–lead alloys 156–158 (1993) 130
Gudowski, W., M. Dzugutov and K.-E. Larsson, Comparison of the results of mode-coupling theory for liquid lead at 623 K and 1170 K with molecular dynamics data 156–158 (1993) 125
Gulley, N.A., see Orton, B.R. 156–158 (1993) 133
Güntherodt, H.-J., see Uhlig, H. 156–158 (1993) 165

Hafner, J., see Cossy-Favre, A. 156–158 (1993) 246
Hafner, J., see Krajčí, M. 156–158 (1993) 887
Hafner, J., see Kresse, G. 156–158 (1993) 956
Hafner, J., see Tegze, M. 156–158 (1993) 311
Hafner, J., see Windisch, M. 156–158 (1993) 927
Halim, H., see Vinckel, J. 156–158 (1993) 493
Hansen, J.-P., see Meroni, A. 156–158 (1993) 771
Haruyama, O. and N. Asahi, Thermal-induced chemical short-range ordering in amorphous $Co_{80-x}Cr_xB_{20}$ alloys 156–158 (1993) 445
Hasegawa, M., T. Usami and S. Asai, Mechanical alloying by the rubbing process 156–158 (1993) 617
Hashimoto, K., see Mizutani, U. 156–158 (1993) 882
Hausleitner, C. and I. Turek, Structural, electronic, and magnetic properties of metallic glasses 156–158 (1992) 210
Hausleitner, C., see Tegze, M. 156–158 (1993) 311
Häussler, P., Liquid and amorphous metals as isotropic 3D Peierls systems 156–158 (1993) 332
Häussler, P., see Boyen, H.-G. 156–158 (1993) 263
Häussler, P., see Gampp, R. 156–158 (1993) 236
Hayer, E., K.L. Komarek, M. Gaune-Escard and J.P. Bros, Chemical interaction in the liquid (Co + Ga), (Co + In), (Ni + Ga), and (Ni + In) systems 156–158 (1993) 379
Hensel, F., see Barocchi, F. 156–158 (1993) 663
Hensel, F., see Winter, R. 156–158 (1993) 9
Herlach, D.M., see Barth, M. 156–158 (1993) 398
Herlach, D.M., see Diefenbach, A. 156–158 (1993) 580
Hernandez, J.P., E. Chacón and G. Navascués, Thermal equilibrium properties of the electron fluid 156–158 (1993) 455
Herr, U. and K. Samwer, Amorphization of the intermetallic compound V_2Zr by ball milling 156–158 (1993) 608
Highmore, R.J., see Zarbakhsh, A. 156–158 (1993) 177
Hihara, T., see Suzuki, K. 156–158 (1993) 328
Hirotsu, Y., see Anazawa, K. 156–158 (1993) 196
Hiwatari, Y., see Itoh, S. 156–158 (1993) 559
Hiwatari, Y., see Kambayashi, S. 156–158 (1993) 80
Hlopkin, M.N., see Bratkovsky, A.M. 156–158 (1993) 72
Homma, Y., see Suzuki, K. 156–158 (1993) 328
Hoshino, H., see Kawakita, Y. 156–158 (1993) 756
Hoshino, K., see Mori, H. 156–158 (1993) 85
Hosokawa, S., K. Tamura, M. Inui and H. Endo, EXAFS studies of liquid As_2Te_3 and $GeTe_2$ 156–158 (1993) 712
Hosokawa, S., S. Yamada and K. Tamura, Density measurements for liquid Se–Te mixtures at high temperatures and pressures 156–158 (1993) 708
Hosokawa, S., see Tamura, K. 156–158 (1993) 646
Hosokawa, S., see Tamura, K. 156–158 (1993) 650
Howells, W.S., see Calvo, M. 156–158 (1993) 53
Howells, W.S., see Davidovic, M. 156–158 (1993) 98
Howells, W.S., see Gudowski, W. 156–158 (1993) 130
Huang, T.C., see Lai, S.K. 156–158 (1993) 412
Hunt, J.A. and N. Cowlam, The study of liquid surfaces by neutron reflectometry 156–158 (1993) 812

Ichinose, Y., see Anazawa, K. 156–158 (1993) 196
Iida, T., see Katayama, I. 156–158 (1993) 393

Ikemoto, H., I. Yamamoto and H. Endo, The optical properties of liquid chalcogens 156–158 (1993) 732
Ikura, T., see Katayama, I. 156–158 (1993) 393
Imai, M., see Tsuji, K. 156–158 (1993) 540
Indlekofer, G. and P. Oelhafen, The electronic structure of liquid heavy alkali metals from electron spectroscopy 156–158 (1993) 226
Indlekofer, G., see Boyen, H.-G. 156–158 (1993) 259
Indlekofer, G., see Boyen, H.-G. 156–158 (1993) 263
Indlekofer, G., see Dürrwächter, M. 156–158 (1993) 241
Indlekofer, G., see Dürrwächter, M. 156–158 (1993) 817
Indlekofer, G., see Oelhafen, P. 156–158 (1993) 219
Inoue, A., T. Zhang and T. Masumoto, Glass-forming ability of alloys 156–158 (1993) 473
Inoue, A., T. Zhang and T. Masumoto, Reductilization of embrittled La–Al–Ni amorphous alloys by viscous flow deformation in a supercooled liquid region 156–158 (1993) 598
Inoue, A., see Saida, J. 156–158 (1993) 547
Inoue, A., see Yamasaki, T. 156–158 (1993) 441
Inoue, M., see Takemori, T. 156–158 (1993) 944
Inui, M. and S. Takeda, Structure and thermodynamic properties of liquid Bi–Ga alloys with miscibility gap 156–158 (1993) 153
Inui, M. and S. Takeda, Ultrasonic velocity and sound attenuation in molten cuprous halide mixtures 156–158 (1993) 779
Inui, M., see Hosokawa, S. 156–158 (1993) 712
Inui, M., see Kawakita, Y. 156–158 (1993) 756
Inui, M., see T. Tsuzuki, 156–158 (1993) 695
Inui, M., see Takeda, S. 156–158 (1993) 683
Inui, M., see Yao, M. 156–158 (1993) 555
Iparraguirre, E.W., J. Sietsma and B.J. Thijsse, A reverse Monte Carlo study of amorphous $Ti_{67}Ni_{33}$ 156–158 (1993) 969
Ipser, H., see Gnanasekaran, T. 156–158 (1993) 384
Irvine, J.T.S., see Valenzuela, R. 156–158 (1993) 315
Isakov, S.L., see Alekseev, V.A. 156–158 (1993) 185
Isakov, S.L., see Bratkovsky, A.M. 156–158 (1993) 72
Ishmaev, S.N., see Alekseev, V.A. 156–158 (1993) 185
Ishmaev, S.N., see Bratkovsky, A.M. 156–158 (1993) 72
Itami, T., K. Izumi and N. Iwaoka, Electronic properties of liquid alkali–thallium alloys 156–158 (1993) 285
Itami, T., T. Kusakabe and Y. Yasuhara, Electronic properties of liquid mercury alloys 156–158 (1993) 281
Itoh, S., Y. Hiwatari and H. Miyagawa, Dynamical singularity of the glass transition in molten lithium iodide 156–158 (1993) 559
Itoh, Y., see Mizutani, U. 156–158 (1993) 882
Ivkov, J. and E. Babić, The Hall coefficient in disordered alloys of early and late transition metals 156–158 (1993) 307
Iwamatsu, M., Density profile of liquid metal surface within the square-gradient approximation: density-functional approach 156–158 (1993) 826
Iwaoka, N., see Itami, T. 156–158 (1993) 285
Izumi, K., see Itami, T. 156–158 (1993) 285

Jäger, H., see Pottlacher, G. 156–158 (1993) 374
Jakse, N. and J.L. Bretonnet, Integral equation study of the structure of expanded liquid rubidium and caesium 156–158 (1993) 149
Janot, C., The structure of quasicrystals 156–158 (1993) 852
Jaśkiewicz, P., see Pękała, K. 156–158 (1993) 324
Jiang, H.G., J.T. Wang and B.Z. Ding, Surface layer characterization of $Ni_{68}P_{18}Cr_{14}$ and $Ni_{64}P_{20}Fe_{16}$ amorphous alloys 156–158 (1993) 837
Johnson, W.L., M. Li and C.E. Krill III, The crystal to glass transformation in relation to melting 156–158 (1993) 481
Johnson, W.L., see Krill III, C.E. 156–158 (1993) 506
Joo, F., see Barth, M. 156–158 (1993) 398
Juchem, R., D. Nattland and W. Freyland, Spectroellipsometric study of electron localization approaching the NM–M-transition in fluid K–KCl-solutions 156–158 (1993) 763

Kahl, G., S. Kambayashi and G. Nowotny, Dynamic properties of liquid metals 156–158 (1993) 15
Kahl, G., see Bildstein, B. 156–158 (1993) 107
Kahl, G., see Strnadl, C.F. 156–158 (1993) 232
Kakinuma, F., S. Ohno and K. Suzuki, Specific heat of liquid S–Te mixtures 156–158 (1993) 691
Kakinuma, F., T. Fukunaga, M. Misawa and K. Suzuki, Neutron diffraction study of liquid Bi–Se alloys 156–158 (1993) 76
Kambayashi, S. and Y. Hiwatari, Molecular dynamics study of static and dynamical properties of supercooled soft-sphere fluids 156–158 (1993) 80
Kambayashi, S., see Kahl, G. 156–158 (1993) 15
Kameda, Y., Y. Sugawara and O. Uemura, Short-range structure of As–S–I system 156–158 (1993) 725
Kameda, Y., see Uemura, O. 156–158 (1993) 744
Kanai, S., see Tsuchiya, Y. 156–158 (1993) 433
Kanatani, S., see Yamasaki, T. 156–158 (1993) 441
Kaptás, D., T. Kemény, L.F. Kiss, L. Gránásy, J. Balogh and I. Vincze, Magnetic disorder in amorphous Fe-rich Fe–Zr alloys 156–158 (1993) 336
Kaschnitz, E., see Pottlacher, G. 156–158 (1993) 374
Katayama, I., J.-i. Nakayama, T. Ikura, T. Tanaka, Z. Kozuka and T. Iida, Measurement of activity of gallium in Ga–Sb–In alloys by emf method using zirconia as solid electrolyte 156–158 (1993) 393

Katayama, Y., K. Tsuji, J.-Q. Chen, N. Koyama, T. Kikegawa, K. Yaoita and O. Shimomura, Density of liquid tellurium under high pressure 156–158 (1993) 687
Katayama, Y., see Tsuji, K. 156–158 (1993) 540
Katayama, Y., see Yaoita, K. 156–158 (1993) 157
Katsnelson, A.M., see Krylov, A.S. 156–158 (1993) 845
Kawakita, Y., J. Dong, T. Tsuzuki, Y. Ohmasa, M. Yao, H. Endo, H. Hoshino and M. Inui, Modification of the chain structure of liquid chalcogen by adding halogens and alkalis 156–158 (1993) 756
Kawakita, Y., see T. Tsuzuki, 156–158 (1993) 695
Kawakita, Y., see Yao, M. 156–158 (1993) 555
Kebab, A., see Bouchet-Fabre, B. 156–158 (1993) 161
Kemény, T., see Kaptás, D. 156–158 (1993) 336
Kikegawa, T., see Katayama, Y. 156–158 (1993) 687
Kikegawa, T., see Yaoita, K. 156–158 (1993) 157
Kimura, S., see Andonov, P. 156–158 (1993) 783
Kishida, T., see Asahi, N. 156–158 (1993) 927
Kiss, L.F., see Kaptás, D. 156–158 (1993) 336
Klein, T., C. Berger, G. Fourcaudot, J.C. Grieco, P. Lanco and F. Cyrot-Lackmann, Electronic properties of stable quasicrystals: towards a semiconducting quasicrystal? 156–158 (1993) 901
Kokanović, I., B. Leontić and J. Lukatela, The influence of localization and electron–electron interaction on the superconducting transition temperature in hydrogen-doped Zr–(3d,4d) metallic glasses 156–158 (1993) 352
Kokoszka, R., see Wolny, J. 156–158 (1993) 923
Komarek, K.L., see Hayer, E. 156–158 (1993) 379
Kopecky, K., see Tomiska, J. 156–158 (1993) 425
Koyama, N., see Katayama, Y. 156–158 (1993) 687
Koyama, N., see Tsuji, K. 156–158 (1993) 540
Koyama, N., see Yaoita, K. 156–158 (1993) 157
Kozuka, Z., see Katayama, I. 156–158 (1993) 393
Krajčí, M. and J. Hafner, Elementary excitations in quasicrystals 156–158 (1993) 887
Krajci, M., see Windisch, M. 156–158 (1993) 927
Kresse, G. and J. Hafner, Ab initio Hellmann–Feynman molecular dynamics for liquid metals 156–158 (1993) 956
Krill III, C.E., J. Li, C. Ettl, K. Samwer, W.B. Yelon and W.L. Johnson, Static mean-square displacement as an indicator of the crystal-to-amorphous transformation 156–158 (1993) 506
Krill III, C.E., see Johnson, W.L. 156–158 (1993) 481
Krylov, A.S., A.V. Vvedensky, A.M. Katsnelson and A.E. Tugovikov, Software package for determination of surface tension of liquid metals 156–158 (1993) 845
Kucharski, M., see Moser, Z. 156–158 (1993) 369
Kuhnast, F.A., see Aharoune, A. 156–158 (1993) 523
Kuhnast, F.A., see Fiorani, J.M. 156–158 (1993) 188
Kulp, D., see Egami, T. 156–158 (1993) 63
Kulp, D.T., T. Egami, D.E. Luzzi and V. Vitek, Stress criteria for solid state amorphization 156–158 (1993) 510
Kumari, M. and N. Dass, Temperature dependence of density and thermal expansion in some liquid metals 156–158 (1993) 417
Kusakabe, T., see Itami, T. 156–158 (1993) 281

Lai, S.K. and T.C. Huang, Thermodynamic self-consistency in the variational thermodynamic calculation for liquid metals 156–158 (1993) 412
Laird, B.B., see Schober, H.R. 156–158 (1993) 965
Lamparter, P., see Nuding, M. 156–158 (1993) 169
Lamparter, P., see Nuding, M. 156–158 (1993) 181
Lamparter, P., see Steeb, S. 156–158 (1993) 24
Lamparter, P., see Uhlig, H. 156–158 (1993) 165
Lanco, P., see Klein, T. 156–158 (1993) 901
Larsson, K.-E., see Gudowski, W. 156–158 (1993) 125
Lasjaunias, J.C., see Chevrier, J. 156–158 (1993) 564
Lasjaunias, J.C., see Matho, K. 156–158 (1993) 905
Lawther, D.W., see Dunlap, R.A. 156–158 (1993) 192
Lawther, D.W., see Dunlap, R.A. 156–158 (1993) 344
Leontić, B., see Kokanović, I. 156–158 (1993) 352
Li, J., see Krill III, C.E. 156–158 (1993) 506
Li, J.-C., N. Cowlam and J.E. Evetts, Structural simulation of an amorphisation reaction 156–158 (1993) 532
Li, M., see Johnson, W.L. 156–158 (1993) 481
Limoge, Y., see Delaye, J.M. 156–158 (1993) 982
Liu, B.X., Z.J. Zhang and H.Y. Bai, Free energy diagram and spontaneous vitrification of an ion mixed metastable hexagonal phase in the Ni–Mo system 156–158 (1993) 603
Logan, D.E. and M.A. Tusch, Interplay between disorder and electron interactions: mean-field phase diagram of an Anderson–Hubbard model 156–158 (1993) 639
Lohöfer, G., see Egry, I. 156–158 (1993) 830
Lohöfer, G., see Sauerland, S. 156–158 (1993) 833
Lomonosov, I.V., see Bushman, A.V. 156–158 (1993) 631
Lu, K., R. Lück and B. Predel, Thermodynamics of the transition from the amorphous to the nanocrystalline state 156–158 (1993) 589
Lück, R., Phasons in chemically ordered quasicrystals 156–158 (1993) 940
Lück, R., see Lu, K. 156–158 (1993) 589
Lück, R., see Wang, H. 156–158 (1993) 388
Lukatela, J., see Kokanović, I. 156–158 (1993) 352
Lund, F., Dislocation loop driven phase transition in three dimensions, bulk melting and overheated solids 156–158 (1993) 536
Luzzi, D.E., see Kulp, D.T. 156–158 (1993) 510

Macht, M.-P., see Sharma, S.K. 156–158 (1993) 437
Madden, P.A., see Meroni, A. 156–158 (1993) 771
Maki, T., see Asahi, N. 156–158 (1993) 927
Manaila-Devenyi, R., see Orton, B.R. 156–158 (1993) 133
Maret, M., J.M. Dubois and P. Chieux, Neutron scattering study of quasicrystal-forming liquid alloys: $Al_{71}Pd_{19}M_{10}$ ($M = Mn_y(FeCr)_{1-y}$) 156–158 (1993) 918
Margolytch, I., see Vakarchuk, I. 156–158 (1993) 201
Martínez, D., J. Rivas and F. Walz, Magnetic after-effect and surface domain structure in the amorphous alloy $Fe_{40}Ni_{40}P_{14}B_6$ 156–158 (1993) 340
Maruyama, K., see Shirakawa, Y. 156–158 (1993) 767
Maruyama, K., see Takeda, S. 156–158 (1993) 683
Maruyama, K., see Usuki, T. 156–158 (1993) 716
Maruyama, K., see Usuki, T. 156–158 (1993) 752
Masumoto, T., see Inoue, A. 156–158 (1993) 473
Masumoto, T., see Inoue, A. 156–158 (1993) 598
Masumoto, T., see Saida, J. 156–158 (1993) 547
Matho, K. and J.C. Lasjaunias, Magnetism and local structure in quasicrystalline $Al_{86}Mn_{14}$ 156–158 (1993) 905
Matsuda, T., see Mizutani, U. 156–158 (1993) 297
Matsuda, T., see Mizutani, U. 156–158 (1993) 882
Matsumuro, A., see Takeuchi, T. 156–158 (1993) 914
McGreevy, R.L., Reverse Monte Carlo: fact and fiction 156–158 (1993) 949
McHenry, M.E., see Dunlap, R.A. 156–158 (1993) 344
Meiya, L., S. Enzo, I. Soletta, N. Cowlam and G. Cocco, Neutron diffraction and neutron small angle scattering study of the amorphisation reaction in $Ni_{50}Mo_{50}$ 156–158 (1993) 116
Mellergård, A., see Gudowski, W. 156–158 (1993) 130
Meroni, A., J.-P. Hansen and P.A. Madden, An application of Thomas–Fermi molecular dynamics to metal–salt solutions 156–158 (1993) 771
Mihalkovič, M. and P. Mrafko, Tiling of canonical cells: AlMnSi quasicrystal model 156–158 (1993) 936
Mikula, A., Thermodynamic properties of liquid alloys of group IIB and VA elements 156–158 (1993) 362
Misawa, M., see Kakinuma, F. 156–158 (1993) 76
Misawa, M., see T. Tsuzuki, 156–158 (1993) 695
Miyagawa, H., see Itoh, S. 156–158 (1993) 559
Miyazaki, H., see Takemori, T. 156–158 (1993) 944
Miyoshi, Y., see Mizutani, U. 156–158 (1993) 882
Mizuno, T., see Mizutani, U. 156–158 (1993) 882
Mizuseki, H., see Suzuki, K. 156–158 (1993) 58
Mizutani, U., K. Tanaka, T. Matsuda, N. Suzuki, T. Fukunaga, Y. Ozaki, Y. Yamada and K. Nakayama, Electronic structure and electron transport properties of amorphous Mg–Ni–La and Mg–Cu–Y alloys 156–158 (1993) 297
Mizutani, U., T. Matsuda, Y. Itoh, K. Tanaka, H. Domae, T. Mizuno, S. Murasaki, Y. Miyoshi, K. Hashimoto and Y. Yamada, Electronic structure and electron transport properties of quasicrystals and approximant crystals in Al–TM and Mg–Ga–Al–Zn alloy systems 156–158 (1993) 882
Mizutani, U., see Fukunaga, T. 156–158 (1993) 120
Mizutani, U., see Pękała, K. 156–158 (1993) 324
Mizutani, U., see Takeuchi, T. 156–158 (1993) 914
Mobilio, S., see D'Acapito, F. 156–158 (1993) 571
Modkhen, F., see Alekseev, V.A. 156–158 (1993) 659
Montoya, F., see Calvo, M. 156–158 (1993) 89
Morgan, G.J., see Bruce, N.A. 156–158 (1993) 251
Mori, H., K. Hoshino and M. Watabe, Structure of liquid alloys in the MHNC approximation 156–158 (1993) 85
Morkel, C., see Bongratz, R. 156–158 (1993) 205
Morkel, C., see Winter, R. 156–158 (1993) 9
Moser, Z. and M. Kucharski, Sn–Zn system. Correlation between thermodynamic properties, physical properties, structure and phase diagram 156–158 (1993) 369
Mrafko, P., see Mihalkovič, M. 156–158 (1993) 936
Müller, F., see Stadnik, Z.M. 156–158 (1993) 319
Müller, F., see Stadnik, Z.M. 156–158 (1993) 909
Murasaki, S., see Mizutani, U. 156–158 (1993) 882
Murasaki, S., see Takeuchi, T. 156–158 (1993) 914

Nagaya, K., see Yao, M. 156–158 (1993) 555
Nagumo, M., see Nakamura, K. 156–158 (1993) 575
Nakamura, K. and M. Nagumo, EXAFS study on crystallization of mechanically prepared Cu–Ti amorphous alloy 156–158 (1993) 575
Nakamura, M., Critical percolation thickness of deposited metal films 156–158 (1993) 849
Nakayama, J.-i., see Katayama, I. 156–158 (1993) 393
Nakayama, K., see Mizutani, U. 156–158 (1993) 297
Nattland, D., see Juchem, R. 156–158 (1993) 763
Naundorf, V., see Sharma, S.K. 156–158 (1993) 437
Navascués, G., see Hernandez, J.P. 156–158 (1993) 455
Neckel, A., see Tomiska, J. 156–158 (1993) 425
Nishimiya, Y., see Uemura, O. 156–158 (1993) 744
Nordström, A., Ö. Rapp and U. Dahlborg, Effects of disorder on the superconducting T_c in amorphous Zr–Cu alloys 156–158 (1993) 347
Nowotny, G., see Kahl, G. 156–158 (1993) 15

Nuding, M., P. Lamparter and S. Steeb, Short range structure of amorphous electrodeposited $Cr_{80}C_{10}H_{10}$ and $Cr_{73}C_{12}H_{15}$ alloys by means of X-ray and neutron diffraction 156–158 (1993) 181

Nuding, M., P. Lamparter, S. Steeb and R. Bellissent, Atomic structure of melt-spun amorphous $Ni_{56}Dy_{44}$ studied by neutron diffraction 156–158 (1993) 169

Oelhafen, P., M. Dürrwächter, G. Indlekofer and H.-G. Boyen, Surface core level shifts in liquid metals and alloys 156–158 (1993) 219

Oelhafen, P., see Boyen, H.-G. 156–158 (1993) 259

Oelhafen, P., see Boyen, H.-G. 156–158 (1993) 263

Oelhafen, P., see Cossy-Favre, A. 156–158 (1993) 246

Oelhafen, P., see Dürrwächter, M. 156–158 (1993) 241

Oelhafen, P., see Dürrwächter, M. 156–158 (1993) 817

Oelhafen, P., see Gampp, R. 156–158 (1993) 236

Oelhafen, P., see Indlekofer, G. 156–158 (1993) 226

Ogino, Y., see Yamasaki, T. 156–158 (1993) 441

Ohmasa, Y., see Kawakita, Y. 156–158 (1993) 756

Ohmasa, Y., see T. Tsuzuki, 156–158 (1993) 695

Ohmasa, Y., see Yao, M. 156–158 (1993) 555

Ohno, S., see Kakinuma, F. 156–158 (1993) 691

Ohno, S., see Okada, T. 156–158 (1993) 748

Okada, T. and S. Ohno, Electrical properties of liquid In–Se alloys 156–158 (1993) 748

Okasaka, K., see Fukunaga, T. 156–158 (1993) 120

Oligschleger, C., see Schober, H.R. 156–158 (1993) 965

Orton, B.R., C.M. Stanton, N.A. Gulley, D.A. Vorsatz and R. Manaila-Devenyi, XANES and EXAFS investigation of sd hybrid bonds in alloys of gold with gallium, germanium and tin through the solid–liquid transition 156–158 (1993) 133

Osman, S.M. and R.N. Singh, Concentration fluctuations at the liquid–vapour coexistence in Ne–Ar mixture 156–158 (1993) 459

Ottaviano, L., A. Filipponi, A. Di Cicco, S. Santucci and P. Picozzi, XAS investigation of three-body correlations in liquid Hg 156–158 (1993) 112

Ozaki, Y., see Mizutani, U. 156–158 (1993) 297

Paschina, G., see D'Acapito, F. 156–158 (1993) 571

Pastore, G., see de Wijs, G.A. 156–158 (1993) 961

Paulick, C., D. Quitmann, S. Saadeddine, M. El Bakkali, J.-G. Gasser and C. Regnault, Trends in binary and ternary noble-metal–germanium alloys 156–158 (1993) 276

Pękała, K., M. Pękała, U. Mizutani and P. Jaśkiewicz, Magnetic and electrical study of amorphous metallic alloys Co–B–V and Co–B–Ti 156–158 (1993) 324

Pękała, M., see Pękała, K. 156–158 (1993) 324

Pellegatti, A., see Bichara, C. 156–158 (1993) 68

Perepezko, J.H., Solidification of highly supercooled liquid metals and alloys 156–158 (1993) 463

Petric, A., see Saboungi, M.-L. 156–158 (1993) 356

Picozzi, P., see Ottaviano, L. 156–158 (1993) 112

Pilgrim, C., see Winter, R. 156–158 (1993) 9

Ponyatovsky, E.G., see Alekseev, V.A. 156–158 (1993) 185

Ponyatovsky, E.G., see Barkalov, O.I. 156–158 (1993) 544

Pottlacher, G., E. Kaschnitz and H. Jäger, Investigations of thermophysical properties of liquid metals with a rapid resistive heating technique 156–158 (1993) 374

Predel, B., see Lu, K. 156–158 (1993) 589

Predel, B., see Wang, H. 156–158 (1993) 388

Price, D.L., M.-L. Saboungi, G.A. de Wijs and W. van der Lugt, Structure of liquid caesium–lead alloys 156–158 (1993) 34

Pusztai, L. and E. Sváb, Structure study of $Ni_{62}Nb_{38}$ metallic glass using reverse Monte Carlo simulation 156–158 (1993) 973

Quitmann, D., see Dürrwächter, M. 156–158 (1993) 241

Quitmann, D., see Dürrwächter, M. 156–158 (1993) 817

Quitmann, D., see Paulick, C. 156–158 (1993) 276

Rademann, K., Electronic structures and properties of microclusters: cadmium and mercury 156–158 (1993) 794

Rapp, Ö., see Nordström, A. 156–158 (1993) 347

Rathenow, J., see Barocchi, F. 156–158 (1993) 663

Redmer, R., see Reinholz, H. 156–158 (1993) 654

Regnault, C., see Paulick, C. 156–158 (1993) 276

Reinholz, H. and R. Redmer, Electrical conductivity and thermopower of Cs liquid and dense vapour 156–158 (1993) 654

Richardson, J.W., see Saboungi, M.-L. 156–158 (1993) 356

Rivas, J., see Martínez, D. 156–158 (1993) 340

Rohr, L., see Uhlig, H. 156–158 (1993) 165

Rosenberg, M., see Stadnik, Z.M. 156–158 (1993) 319

Rosenberg, M., see Stadnik, Z.M. 156–158 (1993) 909

Saadeddine, S., see Paulick, C. 156–158 (1993) 276

Saboungi, M.-L., J. Fortner, J.W. Richardson, A. Petric, M. Doyle and J.E. Enderby, Liquid tellurides: structure and properties 156–158 (1993) 356

Saboungi, M.-L., see Price, D.L. 156–158 (1993) 34

Sadikov, I.P., see Alekseev, V.A. 156–158 (1993) 185

Sadikov, I.P., see Bratkovsky, A.M. 156–158 (1993) 72

Sadoc, A., see Belin, E. 156–158 (1993) 896

Saida, J., M. Ghafari, A. Inoue and T. Masumoto, Characterization of ultra-fine amorphous particles prepared by chemical reduction 156–158 (1993) 547

Saito, M., see Shirakawa, Y. 156–158 (1993) 767

Salmon, P.S., see Benmore, C.J. 156–158 (1993) 720

Samorodskaja, I.V., see Alekseev, V.A. 156–158 (1993) 659

Sampoli, M., see Barocchi, F. 156–158 (1993) 663
Samwer, K., see Ettl, C. 156–158 (1993) 502
Samwer, K., see Herr, U. 156–158 (1993) 608
Samwer, K., see Krill III, C.E. 156–158 (1993) 506
Samwer, K., see Schneider, S. 156–158 (1993) 498
Sano, A., see T. Tsuzuki, 156–158 (1993) 695
Santucci, S., see Ottaviano, L. 156–158 (1993) 112
Sauerland, S., G. Lohöfer and I. Egry, Surface tension measurements on levitated liquid metal drops 156–158 (1993) 833
Sauerland, S., see Egry, I. 156–158 (1993) 830
Sawada, T., see Andonov, P. 156–158 (1993) 783
Schäfer, G., W.W. Warren Jr., P. Anderson and P.P. Edwards, NMR study of sodium dispersed in zeolites 156–158 (1993) 803
Schneider, S., R. Busch, W. Bolse and K. Samwer, Analytical field ion microscopy of the early stages of the solid state amorphization reaction in vapour-deposited Zr/Co double layers 156–158 (1993) 498
Schober, H.R., C. Oligschleger and B.B. Laird, Low-frequency vibrations and relaxations in glasses 156–158 (1993) 965
Schubert, M., see Solbrig, H. 156–158 (1993) 272
Selloni, A., see de Wijs, G.A. 156–158 (1993) 961
Serebryakov, A., Amorphization reactions and glass to crystal transformations in metallic materials 156–158 (1993) 594
Sharma, S.K., M.-P. Macht and V. Naundorf, Some correlations observed for diffusion in amorphous $Ti_{60}Ni_{40}$ and $Fe_{40}Ni_{40}B_{20}$ alloys 156–158 (1993) 437
Shibata, K., see Suzuki, K. 156–158 (1993) 58
Shimomura, O., see Katayama, Y. 156–158 (1993) 687
Shimomura, O., see Yaoita, K. 156–158 (1993) 157
Shirakawa, Y., M. Saito, K. Maruyama and S. Tamaki, Structural and magnetic studies on binary mixtures of molten noble metal halides 156–158 (1993) 767
Shirakawa, Y., see Usuki, T. 156–158 (1993) 716
Sietsma, J., see Iparraguirre, E.W. 156–158 (1993) 969
Sietsma, J., see Tuinstra, P. 156–158 (1993) 519
Sietsma, J., see van Bouwelen, F. 156–158 (1993) 567
Silbert, M., see Bhuiyan, G.M. 156–158 (1993) 145
Singh, R.N., S.K. Yu and F. Sommer, Concentration fluctuations and thermodynamic properties of demixing liquid binary alloys 156–158 (1993) 407
Singh, R.N., see Osman, S.M. 156–158 (1993) 459
Smirnov, A.V., see Bratkovsky, A.M. 156–158 (1993) 137
Smirnov, A.V., see Bratkovsky, A.M. 156–158 (1993) 255
Smirnov, A.V., see Bratkovsky, A.M. 156–158 (1993) 72
Solbrig, H., R. Arnold and M. Schubert, The influence of d-resonance splitting on the electronic density of states of topologically disordered transition metals 156–158 (1993) 272
Soletta, I., see Baricco, M. 156–158 (1993) 527
Soletta, I., see Meiya, L. 156–158 (1993) 116
Sołtys, J., see Wolny, J. 156–158 (1993) 923
Somekh, R.E., see Zarbakhsh, A. 156–158 (1993) 177
Sommer, F., see Singh, R.N. 156–158 (1993) 407
Srinivas, V., see Dunlap, R.A. 156–158 (1993) 344
Stadnik, Z.M. and G. Stroink, Synchrotron-radiation study of valence bands in icosahedral $Al_{65}Cu_{20}Fe_{15}$ and crystalline Al_7Cu_2Fe 156–158 (1993) 891
Stadnik, Z.M., F. Müller, F. Goldberg, M. Rosenberg and G. Stroink, Physical properties of icosahedral $Al_{86}Cr_8Fe_6$ 156–158 (1993) 909
Stadnik, Z.M., F. Müller, G. Stroink and M. Rosenberg, Magnetic behaviour and hyperfine interactions in Al–Fe–Ce metallic glasses 156–158 (1993) 319
Stanton, C.M., see Orton, B.R. 156–158 (1993) 133
Steeb, S. and P. Lamparter, Structure of binary metallic glasses 156–158 (1993) 24
Steeb, S., see Nuding, M. 156–158 (1993) 169
Steeb, S., see Nuding, M. 156–158 (1993) 181
Steeb, S., see Uhlig, H. 156–158 (1993) 165
Stricker, A.D., M. Faller, A. Bächli and A. Blatter, Stability and elastic properties of amorphous Al–Zr–O films 156–158 (1993) 612
Strnadl, C.F. and G. Kahl, Integral-equation approach to the electronic density of states in disordered materials 156–158 (1993) 232
Stroink, G., see Stadnik, Z.M. 156–158 (1993) 319
Stroink, G., see Stadnik, Z.M. 156–158 (1993) 891
Stroink, G., see Stadnik, Z.M. 156–158 (1993) 909
Suck, J.-B., Dynamical properties of stable icosahedral alloys 156–158 (1993) 872
Suck, J.-B., see Chevrier, J. 156–158 (1993) 564
Sugawara, Y., see Kameda, Y. 156–158 (1993) 725
Sugawara, Y., see Uemura, O. 156–158 (1993) 744
Sumiyama, K., see Suzuki, K. 156–158 (1993) 328
Suzuki, K., K. Shibata and H. Mizuseki, The medium- and short-range collective atomic motion in Pd–Si(Ge) amorphous alloys 156–158 (1993) 58
Suzuki, K., K. Sumiyama, Y. Homma, H. Amano and T. Hihara, A heavy fermion-type behavior of Ce-based amorphous alloys 156–158 (1993) 328
Suzuki, K., see Kakinuma, F. 156–158 (1993) 691
Suzuki, K., see Kakinuma, F. 156–158 (1993) 76
Suzuki, N., see Mizutani, U. 156–158 (1993) 297
Sváb, E., see Pusztai, L. 156–158 (1993) 973
Svensson Huldt, C., see Calvo, M. 156–158 (1993) 53
Syrykh, G.F., see Bratkovsky, A.M. 156–158 (1993) 72

Takeda, S., M. Inui, S. Tamaki, K. Maruyama and Y. Waseda, Electron–ion correlation in liquid tellurium 156–158 (1993) 683
Takeda, S., see Inui, M. 156–158 (1993) 153
Takeda, S., see Inui, M. 156–158 (1993) 779
Takehana, K., see Yao, M. 156–158 (1993) 807
Takemori, T., M. Inoue and H. Miyazaki, Trace map properties of variations of Fibonacci chains 156–158 (1993) 944
Takeuchi, T., S. Murasaki, A. Matsumuro and U. Mizutani, Formation of quasicrystals and approximant crystals by mechanical alloying in Mg–Al–Zn alloy system 156–158 (1993) 914
Taleb, A., see Boyen, H.-G. 156–158 (1993) 259
Tamaki, S., see Shirakawa, Y. 156–158 (1993) 767
Tamaki, S., see Takeda, S. 156–158 (1993) 683
Tamaki, S., see Usuki, T. 156–158 (1993) 716
Tamaki, S., see Usuki, T. 156–158 (1993) 752
Tamura, K. and S. Hosokawa, Structural studies of expanded fluid mercury 156–158 (1993) 646
Tamura, K. and S. Hosokawa, X-ray diffraction measurements for expanded liquid gallium 156–158 (1993) 650
Tamura, K., see Hosokawa, S. 156–158 (1993) 708
Tamura, K., see Hosokawa, S. 156–158 (1993) 712
Tanaka, A., see Yamamoto, I. 156–158 (1993) 728
Tanaka, K., see Mizutani, U. 156–158 (1993) 297
Tanaka, K., see Mizutani, U. 156–158 (1993) 882
Tanaka, T., see Katayama, I. 156–158 (1993) 393
Tatsugawa, K., see Asahi, N. 156–158 (1993) 927
Taylor, A.D., see Calvo, M. 156–158 (1993) 53
Tegze, M., J. Hafner and C. Hausleitner, Local spin–density theory of magnetism in amorphous Fe–B alloys 156–158 (1993) 311
Thijsse, B.J., see Iparraguirre, E.W. 156–158 (1993) 969
Tiberto, P., see Allia, P. 156–158 (1993) 585
Tomida, T., see Egami, T. 156–158 (1993) 63
Tomiska, J., M.S. Belegratis, K. Kopecky and A. Neckel, Thermodynamics of liquid ternary $Fe_xNi_xCo_{1-2x}$ alloys by computer-aided Knudsen cell mass spectrometry 156–158 (1993) 425
Tomiska, J., see Vrestal, J. 156–158 (1993) 429
Torcini, A., see Balucani, U. 156–158 (1993) 43
Tostmann, H. and W. Freyland, Rapid solidification of microemulsions of liquid alloys in molten salts 156–158 (1993) 551
Tsuchiya, Y. and S. Kanai, Thermodynamics of the structural changes in the liquid Zn–Sb system 156–158 (1993) 433
Tsuchiya, Y., AC calorimetry of the thermodynamic transition in liquid $Ge_{15}Te_{85}$ 156–158 (1993) 704
Tsuchiya, Y., Sound velocity in the liquid Tl–Se system 156–158 (1993) 700
Tsuji, K., Y. Katayama, N. Koyama, Y. Yamamoto, J.-Q. Chen and M. Imai, Amorphization from quenched high-pressure phase in tetrahedrally bonded materials 156–158 (1993) 540
Tsuji, K., see Katayama, Y. 156–158 (1993) 687
Tsuji, K., see Yaoita, K. 156–158 (1993) 157
Tsuzuki, T., see Kawakita, Y. 156–158 (1993) 756
Tsuzuki, T., see Yao, M. 156–158 (1993) 555
T. Tsuzuki, A. Sano, Y. Kawakita, Y. Ohmasa, M. Yao, H. Endo, M. Inui and M. Misawa, Structure of chalcogen nano-droplets 156–158 (1993) 695
Tugovikov, A.E., see Krylov, A.S. 156–158 (1993) 845
Tuinstra, P., P.A. Duine and J. Sietsma, The glass transition for as-quenched and pre-annealed amorphous $Pd_{40}Ni_{40}P_{20}$, measured and explained 156–158 (1993) 519
Turek, I., see Cossy-Favre, A. 156–158 (1993) 246
Turek, I., see Hausleitner, C. 156–158 (1992) 210
Tusch, M.A., see Logan, D.E. 156–158 (1993) 639

Uemura, O., Y. Sugawara, Y. Kameda and Y. Nishimiya, Electronic properties of the liquid $In–As_2Te_3$ system 156–158 (1993) 744
Uemura, O., see Kameda, Y. 156–158 (1993) 725
Uhlig, H., L. Rohr, H.-J. Güntherodt, P. Fischer, P. Lamparter and S. Steeb, Short range order in amorphous $Ni_{50}Ta_{50}$ alloys by means of X-ray and neutron diffraction 156–158 (1993) 165
Usami, T., see Hasegawa, M. 156–158 (1993) 617
Usuki, T., K. Maruyama and S. Tamaki, Electronic and ionic conductions in molten Tl–chalcogen systems 156–158 (1993) 752
Usuki, T., Y. Shirakawa, K. Maruyama and S. Tamaki, Structures of molten Tl– and Bi–chalcogen systems 156–158 (1993) 716

Vakarchuk, I. and I. Margolytch, Influence of the magnetic field on the structure of a liquid two-component magnet 156–158 (1993) 201
Valenzuela, R. and J.T.S. Irvine, Domain wall dynamics and short-range order in ferromagnetic amorphous ribbons 156–158 (1993) 315
Vallauri, R., see Balucani, U. 156–158 (1993) 43
van Bouwelen, F., J. Sietsma and A. van den Beukel, Nb-driven nanocrystallization of amorphous $Fe_{75.5}Cu_1Nb_3Si_{12.5}B_8$ 156–158 (1993) 567
van den Beukel, A., see van Bouwelen, F. 156–158 (1993) 567
van der Lugt, W., see Price, D.L. 156–158 (1993) 34
van der Lugt, W., see Xu, R. 156–158 (1993) 289
van der Lugt, W., see Xu, R. 156–158 (1993) 293
van der Lugt, W., see Xu, R. 156–158 (1993) 740
van der Lugt, W., see de Jong, P.H.K. 156–158 (1993) 978

van der Lugt, W., see de Wijs, G.A. 156–158 (1993) 961
Van Zytveld, J., see Yamamoto, I. 156–158 (1993) 302
Van Zytveld, J.B., see Verbrugge, D.M. 156–158 (1993) 736
Verbrugge, D.M. and J.B. Van Zytveld, Electronic properties of liquid MgSb 156–158 (1993) 736
Verkerk, P., see de Jong, P.H.K. 156–158 (1993) 978
Verkerk, P., see de Jong, P.H.K. 156–158 (1993) 48
Vinai, F., see Allia, P. 156–158 (1993) 585
Vinckel, J., N. Benazzi, H. Halim, J.-G. Gasser, J. Comera and P. Contamin, Thermopower of pure metals near the melting point as a parameter needed to control the solidification process 156–158 (1993) 493
Vincze, I., see Kaptás, D. 156–158 (1993) 336
Vitek, V., see Egami, T. 156–158 (1993) 63
Vitek, V., see Kulp, D.T. 156–158 (1993) 510
Vlaic, G., see D'Acapito, F. 156–158 (1993) 571
Vorsatz, D.A., see Orton, B.R. 156–158 (1993) 133
Vrestal, J. and J. Tomiska, The combination of a simple monopol mass spectrometer with a Knudsen cell for thermodynamic investigations at high temperatures 156–158 (1993) 429
Vvedensky, A.V., see Krylov, A.S. 156–158 (1993) 845

Wagner, C.N.J. and M.S. Boldrick, Neutron diffraction study of the structure of liquid Pb–Pd alloys 156–158 (1993) 38
Walz, F., see Martínez, D. 156–158 (1993) 340
Wang, H., R. Lück and B. Predel, Mixing enthalpy of liquid Fe–Co–Ti alloys 156–158 (1993) 388
Wang, J.T., see Jiang, H.G. 156–158 (1993) 837
Wang, J.T., see Xue, X.M. 156–158 (1993) 841
Warren Jr., W.W., see Schäfer, G. 156–158 (1993) 803
Waseda, Y., see Takeda, S. 156–158 (1993) 683
Watabe, M., see Mori, H. 156–158 (1993) 85
Wei, B., see Barth, M. 156–158 (1993) 398
Willnecker, R., K. Wittmann and G.P. Görler, Undercooling investigations and heat capacity measurements on Pd–Ni–P melts 156–158 (1993) 450
Windisch, M., M. Krajci and J. Hafner, Structure of icosahedral Al–Cu–Li(Mg) alloys: modulated tiling model 156–158 (1993) 927
Winter, R., C. Pilgrim, F. Hensel, C. Morkel and W. Gläser, Structure and dynamics of expanded liquid alkali metals 156–158 (1993) 9
Winter, R., see Barocchi, F. 156–158 (1993) 663
Wittmann, K., see Willnecker, R. 156–158 (1993) 450
Wolny, J., R. Kokoszka and J. Sołtys, Activation energies for crystallization of Al_4Mn and $Al_4(Cr_{0.5}Fe_{0.5})$ quasicrystals 156–158 (1993) 923
Wunderlich, R.K. and H.-J. Fecht, Specific heat measurements by non-contact calorimetry 156–158 (1993) 421

Xu, R. and W. van der Lugt, Compound formation in liquid alkali–indium alloys 156–158 (1993) 289
Xu, R. and W. van der Lugt, Resistivity of liquid Sr–Bi and Sr–Sb alloys 156–158 (1993) 740
Xu, R., T. de Jonge and W. van der Lugt, The electrical resistivities of liquid K–Sn and Cs–Sn alloys 156–158 (1993) 293
Xue, X.M. and J.T. Wang, The surface tension and composition of liquid Fe–P alloys 156–158 (1993) 841

Yamada, S., see Hosokawa, S. 156–158 (1993) 708
Yamada, Y., see Mizutani, U. 156–158 (1993) 297
Yamada, Y., see Mizutani, U. 156–158 (1993) 882
Yamaguchi, T. and F. Yonezawa, Ab initio atomic and electronic structure calculations of selenium systems in different dimensions 156–158 (1993) 268
Yamamoto, I., A. Tanaka and H. Endo, The optical properties of fluid iodine 156–158 (1993) 728
Yamamoto, I., J. Van Zytveld and H. Endo, Electronic and atomic structure of $Al_xLa_{70-x}Ni_{30}$ amorphous alloys 156–158 (1993) 302
Yamamoto, I., see Ikemoto, H. 156–158 (1993) 732
Yamamoto, Y., see Tsuji, K. 156–158 (1993) 540
Yamasaki, T., S. Kanatani, Y. Ogino and A. Inoue, Viscosity measurements for liquid Al–Ni–La and Al–Ni–Mm (Mm: Mischmetal) alloys by an oscillating crucible method 156–158 (1993) 441
Yao, M., K. Takehana and H. Endo, Cluster formation in expanded fluid mercury and dilute amalgams near the liquid–gas critical point 156–158 (1993) 807
Yao, M., Y. Kawakita, K. Nagaya, Y. Ohmasa, T. Tsuzuki, M. Inui and H. Endo, EXAFS study of the liquid–glass transition in binary nitrate systems 156–158 (1993) 555
Yao, M., see Kawakita, Y. 156–158 (1993) 756
Yao, M., see T. Tsuzuki, 156–158 (1993) 695
Yaoita, K., K. Tsuji, Y. Katayama, N. Koyama, T. Kikegawa and O. Shimomura, Structural study on proposed phase transition of liquid tellurium under high pressure 156–158 (1993) 157
Yaoita, K., see Katayama, Y. 156–158 (1993) 687
Yasuhara, Y., see Itami, T. 156–158 (1993) 281
Yelon, W.B., see Krill III, C.E. 156–158 (1993) 506
Yewondwossen, M.H., see Dunlap, R.A. 156–158 (1993) 192
Yonezawa, F., see Aoki, K.M. 156–158 (1993) 986
Yonezawa, F., see Yamaguchi, T. 156–158 (1993) 268
Yoshida, F., Collective dynamics of ions in metal–salt solutions 156–158 (1993) 775
Yu, S.K., see Singh, R.N. 156–158 (1993) 407

Zarbakhsh, A., N. Cowlam, P. Convert, R.J. Highmore and R.E. Somekh, Neutron diffraction study of a Ni–42.2 at.% Zr alloy made by the multilayer amorphisation reaction and of Ni–42.2 at.% Zr metallic alloy glass 156–158 (1993) 177

Zetterström, P., see Gudowski, W. 156–158 (1993) 130
Zhang, T., see Inoue, A. 156–158 (1993) 473
Zhang, T., see Inoue, A. 156–158 (1993) 598
Zhang, Z.J., see Liu, B.X. 156–158 (1993) 603

Journal of Non-Crystalline Solids 156–158 (1993) 1011–1026
North-Holland

JOURNAL OF
NON-CRYSTALLINE SOLIDS

Subject index

Acoustic Properties
Molten Salts, Density, Dynamical Properties 156–158 (1993) 779

Amorphization
Amorphous Alloys, Mössbauer Effect, X-ray Diffraction 156–158 (1993) 547
Amorphous Alloys, Neutron Diffraction, Thin Films 156–158 (1993) 177
Amorphous Alloys, Nucleation, Molten Salts 156–158 (1993) 551
Computer Simulation, Relaxation, Amorphous Alloys 156–158 (1993) 532
Dynamical Properties, Mechanical Amorphization, Quenching 156–158 (1993) 502
Dynamical Properties, Neutron Diffraction, Amorphous Alloys 156–158 (1993) 506
Liquid Metals, Thermodynamics, Freezing 156–158 (1993) 402
Mechanical Amorphization, Thermodynamics, Structure 156–158 (1993) 527
Mechanical Properties, Molecular Dynamics, Stress Relaxation 156–158 (1993) 510
Metal–Non-metal Transition, Pressure Effects, Electronic Conductivity 156–158 (1993) 760
Modelling, Structure, Crystallization 156–158 (1993) 594
Neutron Diffraction, Small Angle Neutron Scattering, Amorphous Alloys 156–158 (1993) 116
Solid State Reaction, Differential Scanning Calorimetry, Pressure-Induced Structural Transformation 156–158 (1993) 544
Solid State Reaction, Differential Scanning Calorimetry, Thermodynamics 156–158 (1993) 608
Solid State Reaction, Neutron Inelastic Scattering, Calorimetry 156–158 (1993) 564

Amorphous Alloys
Amorphization, Computer Simulation, Relaxation 156–158 (1993) 532
Amorphization, Dynamical Properties, Neutron Diffraction 156–158 (1993) 506
Amorphization, Neutron Diffraction, Small Angle Neutron Scattering 156–158 (1993) 116
Amorphization, Nucleation, Molten Salts 156–158 (1993) 551
Anomalous X-ray Scattering, Chemical Short-Range Order, Magnetic Properties 156–158 (1993) 161
Chemical Short-Range Order, Thermodynamics, Annealing Effects 156–158 (1993) 445
Collective Modes, Neutron Inelastic Scattering, Dynamical Structure 156–158 (1993) 53
Computer Simulation, Structure, Short-Range Order 156–158 (1993) 973
Crystallization, Calorimetry, Entropy 156–158 (1993) 589
Crystallization, Electronic Conductivity, Relaxation 156–158 (1993) 585
Crystallization, EXAFS, Growth Kinetics 156–158 (1993) 571
Crystallization, Nucleation 156–158 (1993) 514
Diffusion, Secondary Ion Mass Spectroscopy 156–158 (1993) 437
Dynamical Properties, Neutron Inelastic Scattering, Collective Modes 156–158 (1993) 58
Electrical Properties, Magnetic Properties, Specific Heat 156–158 (1993) 328
Electrodeposition, Neutron Diffraction, X-ray Diffraction 156–158 (1993) 181
Electronic Conductivity, Thermoelectric Power, Magnetic Properties 156–158 (1993) 324
Electronic Structure, Density of States, Photo-emission 156–158 (1993) 246
Electronic Structure, Electronic Conductivity, Hall Coefficient 156–158 (1993) 297
Electronic Structure, EXAFS, Short-Range Order 156–158 (1993) 137
Electronic Structure, Liquid Metals, Density of States 156–158 (1993) 251
Electronic Structure, Magnetic Properties, Photo-emission 156–158 (1993) 311
Electronic Structure, Magnetic Properties, Structure 156–158 (1992) 210
Electronic Structure, Modelling, Structure 156–158 (1993) 255
Electronic Structure, Optical Properties, Structure 156–158 (1993) 302
Electronic Structure, Photo-emission, Stability 156–158 (1993) 259
Electronic Structure, Photo-emission, Thermodynamics 156–158 (1993) 263
Glass Formation, Glass Transition, Thermodynamics 156–158 (1993) 473
Hall Coefficient, Electronic Conductivity, Magnetic Properties 156–158 (1993) 307
Liquid Metals, Electronic Structure, Structure 156–158 (1993) 332

0022-3093/93/$06.00 © 1993 – Elsevier Science Publishers B.V. All rights reserved

Magnetic Properties, Mössbauer Effect, Local Environment 156–158 (1993) 336
Magnetic Properties, Mössbauer Effect 156–158 (1993) 319
Magnetic Properties, Optical Properties 156–158 (1993) 340
Mechanical Properties, Supercooled Liquids 156–158 (1993) 598
Metallic Glasses, Neutron Diffraction, Chemical Short-Range Order 156–158 (1993) 120
Mössbauer Effect, Structure, Magnetic Properties 156–158 (1993) 192
Mössbauer Effect, Thermal Properties, Magnetic Properties 156–158 (1993) 344
Mössbauer Effect, X-ray Diffraction, Amorphization 156–158 (1993) 547
Neutron Diffraction, Amorphization, Thin Films 156–158 (1993) 177
Solid State Reaction, Electron Microscopy, Defects 156–158 (1993) 498
Solid State Reaction, EXAFS, X-ray Diffraction 156–158 (1993) 575
Structure, Computer Simulation, Short-Range Order 156–158 (1993) 969
Structure, Dynamical Properties, Neutron Inelastic Scattering, Monte Carlo Simulations 156–158 (1993) 72
Structure, Magnetic Properties 156–158 (1993) 201
Structure, Modelling, Liquid Alloys 156–158 (1993) 89
Structure, Neutron Diffraction, X-ray Diffraction 156–158 (1993) 24
Superconductors, Neutron Irradiation, Electronic Conductivity 156–158 (1993) 347
Surface Analysis, XPS, Auger Electron Spectroscopy 156–158 (1993) 837

Amorphous Semiconductors
Liquid Semiconductors, Structure, Raman Spectra 156–158 (1993) 725
Short-Range Order, Pressure-Induced Structural Transformation, Metal–Non-metal Transition 156–158 (1993) 185

Amorphous Solids
Pressure-Induced Structural Transformation, X-ray Diffraction, Quenching 156–158 (1993) 540

Annealing Effects
Amorphous Alloys, Chemical Short-Range Order, Thermodynamics 156–158 (1993) 445

Anomalous X-ray Scattering
Amorphous Alloys, Chemical Short-Range Order, Magnetic Properties 156–158 (1993) 161

Auger Electron Spectroscopy
Amorphous Alloys, Surface Analysis, XPS 156–158 (1993) 837

Bonding
Electronic Structure, Structure, Computer Simulation 156–158 (1993) 268

Calorimetry
Amorphization, Solid State Reaction, Neutron Inelastic Scattering 156–158 (1993) 564
Amorphous Alloys, Crystallization, Entropy 156–158 (1993) 589
Liquid Alloys, Thermodynamics, Chemical Short-Range Order 156–158 (1993) 388
Liquid Alloys, Thermodynamics, Short-Range Order 156–158 (1993) 379
Liquid Metals, Specific Heat, Supercooled Liquids 156–158 (1993) 398
Liquid Metals, Specific Heat, Thermodynamics 156–158 (1993) 421
Liquid Semiconductors, Thermodynamics, Specific Heat 156–158 (1993) 704

Chalcogenides
Liquid Metals, Liquid Semiconductors, Structure, Thermodynamics 156–158 (1993) 356
Liquid Semiconductors, EXAFS, Short-Range Order 156–158 (1993) 712
Structure, Neutron Diffraction, Short-Range Order 156–158 (1993) 720

Chemical Short-Range Order
Amorphous Alloys, Anomalous X-ray Scattering, Magnetic Properties 156–158 (1993) 161
Amorphous Alloys, Thermodynamics, Annealing Effects 156–158 (1993) 445
Liquid Alloys, Calorimetry, Thermodynamics 156–158 (1993) 388
Liquid Alloys, Structure, Neutron Diffraction 156–158 (1993) 38
Metallic Glasses, Neutron Diffraction, Amorphous Alloys 156–158 (1993) 120
Metallic Glasses, Neutron Diffraction, Topological Short-Range Order 156–158 (1993) 169
Quasicrystals, Defects, Phase Transition 156–158 (1993) 940
Structure, Neutron Diffraction, Topological Short-Range Order 156–158 (1993) 34
Thermodynamics, Liquid Alloys, Ellipsometry 156–158 (1993) 362

Clusters
Electronic Structure, Photo-emission, Light Scattering 156–158 (1993) 794
Expanded Liquids, Covalent Glasses, Metal–Non-metal Transition 156–158 (1993) 807
Liquid Alloys, Thermodynamics, Phase Separation 156–158 (1993) 407
Liquid Alloys, Thermodynamics, Short-Range Order 156–158 (1993) 433

Nuclear Magnetic Resonance, Magnetic Properties 156–158 (1993) 803
Structure, Electronic Structure, Metal–Non-metal Transition 156–158 (1993) 787

Collective Modes
Amorphous Alloys, Neutron Inelastic Scattering, Dynamical Structure 156–158 (1993) 53
Dynamical Properties, Amorphous Alloys, Neutron Inelastic Scattering 156–158 (1993) 58
Dynamical Properties, Liquid Metals, Neutron Inelastic Scattering 156–158 (1993) 48
Molten Salts, Liquid Metals, Dynamical Properties 156–158 (1993) 775
Quasicrystals, Electronic Structure, Dynamical Structure 156–158 (1993) 887

Computer Simulation
Amorphization, Relaxation, Amorphous Alloys 156–158 (1993) 532
Amorphous Alloys, Structure, Short-Range Order 156–158 (1993) 969
Amorphous Alloys, Structure, Short-Range Order 156–158 (1993) 973
Electronic Structure, Structure, Bonding 156–158 (1993) 268
Liquid Metals, Molten Salts, Molecular Dynamics 156–158 (1993) 771
Liquid Metals, Surface Properties, Neutron Diffraction 156–158 (1993) 812
Molecular Dynamics, Liquid Metals, Electronic Structure 156–158 (1993) 956

Conductivity
Thin Films, Percolation, Fractals 156–158 (1993) 849

Covalent Glasses
Expanded Liquids, Clusters, Metal–Non-metal Transition 156–158 (1993) 807

Critical Point
Liquid Semiconductors, Liquid Metals, Phase Separation 156–158 (1993) 700
Liquid Semiconductors, Optical Properties 156–158 (1993) 728
Thermal Properties 156–158 (1993) 455

Crystallization
Amorphization, Modelling, Structure 156–158 (1993) 594
Amorphous Alloys, Calorimetry, Entropy 156–158 (1993) 589
Amorphous Alloys, Electronic Conductivity, Relaxation 156–158 (1993) 585
Amorphous Alloys, EXAFS, Growth Kinetics 156–158 (1993) 571
Amorphous Alloys, Nucleation 156–158 (1993) 514
Glass Formation, Supercooled Liquids 156–158 (1993) 580
Liquid Alloys, Freezing, Nucleation 156–158 (1993) 463
Metallic Glasses, X-ray Diffraction, Electron Microscopy 156–158 (1993) 567
Quasicrystals, Electronic Conductivity, Thermodynamics 156–158 (1993) 923
Quasicrystals, Magnetic Properties, Structure 156–158 (1993) 909
Quasicrystals, Structure 156–158 (1993) 914

Defects
Glasses, Diffusion, Molecular Dynamics 156–158 (1993) 982
Melting, Mechanical Properties, Thermodynamics 156–158 (1993) 536
Quasicrystals, Chemical Short-Range Order, Phase Transition 156–158 (1993) 940
Solid State Reaction, Amorphous Alloys, Electron Microscopy 156–158 (1993) 498

Density
Expanded Liquid Metals, Structure, X-ray Diffraction 156–158 (1993) 650
Liquid Metals, Liquid Semiconductors, X-ray Absorption 156–158 (1993) 687
Liquid Metals, Thermal Properties 156–158 (1993) 417
Liquid Semiconductors, Metal–Non-metal Transition, X-ray Absorption 156–158 (1993) 708
Molten Salts, Dynamical Properties, Acoustic Properties 156–158 (1993) 779

Density of States
Electronic Structure, Amorphous Alloys, Photo-emission 156–158 (1993) 246
Electronic Structure, Liquid Metals, Amorphous Alloys 156–158 (1993) 251
Electronic Structure, Liquids, Integral Equations for Liquids 156–158 (1993) 232
Transition Metals, Liquid Metals, Electronic Structure 156–158 (1993) 272

Differential Scanning Calorimetry
Amorphization, Solid State Reaction, Thermodynamics 156–158 (1993) 608
Glass Transition, Quenching 156–158 (1993) 519
Liquid Metals, Neutron Diffraction, EXAFS, Magnetic Properties 156–158 (1993) 695
Mechanical Amorphization, X-ray Diffraction 156–158 (1993) 617
Solid State Reaction, Amorphization, Pressure-Induced Structural Transformation 156–158 (1993) 544

Differential Thermal Analysis
Supercooled Liquids, Heat Capacity, Liquid Alloys 156–158 (1993) 450

Diffusion
Amorphous Alloys, Secondary Ion Mass Spectroscopy 156–158 (1993) 437

Dynamical Properties, Liquids, Hydrodynamics 156–158 (1993) 141
Glasses, Defects, Molecular Dynamics 156–158 (1993) 982
Transport Properties – Liquids, Dynamical Properties 156–158 (1993) 205

Doping
Liquid Semiconductors, Structure, EXAFS 156–158 (1993) 756

Dynamical Properties
Amorphization, Mechanical Amorphization, Quenching 156–158 (1993) 502
Amorphization, Neutron Diffraction, Amorphous Alloys 156–158 (1993) 506
Amorphous Alloys, Neutron Inelastic Scattering, Collective Modes 156–158 (1993) 58
Diffusion, Liquids, Hydrodynamics 156–158 (1993) 141
Expanded Liquid Metals, Molecular Dynamics, Hydrodynamics 156–158 (1993) 15
Expanded Liquids, Metastability, Neutron Inelastic Scattering 156–158 (1993) 9
Glass Transition, Molecular Dynamics, Molten Salts 156–158 (1993) 559
Glasses, Molecular Dynamics, Localization 156–158 (1993) 965
Liquid Metals, Metallic Glasses, Structure 156–158 (1993) 1
Liquid Metals, Molecular Dynamics, Mode Coupling 156–158 (1993) 125
Liquid Metals, Neutron Inelastic Scattering, Collective Modes 156–158 (1993) 48
Liquid Metals, Transport Properties – Liquids, Molecular Dynamics 156–158 (1993) 43
Molten Salts, Density, Acoustic Properties 156–158 (1993) 779
Molten Salts, Liquid Metals, Collective Modes 156–158 (1993) 775
Quasicrystals, Neutron Inelastic Scattering, Localization 156–158 (1993) 872
Structure, Amorphous Alloys, Neutron Inelastic Scattering, Monte Carlo Simulations 156–158 (1993) 72
Supercooled Liquids, Molecular Dynamics, Medium-Range Order 156–158 (1993) 80
Transport Properties – Liquids, Diffusion 156–158 (1993) 205

Dynamical Structure
Amorphous Alloys, Collective Modes, Neutron Inelastic Scattering 156–158 (1993) 53
Quasicrystals, Electronic Structure, Collective Modes 156–158 (1993) 887

Effective Potentials
Expanded Liquid Metals, Integral Equations for Liquids, Structure 156–158 (1993) 149
Liquid Alloys, Structure, Short-Range Order 156–158 (1993) 130
Liquid Metals, Small Angle Neutron Scattering, Small Angle X-ray Scattering 156–158 (1993) 98
Structure, Transport Properties – Liquids 156–158 (1993) 145

Elastic Properties
Thin Films, Stability, Hardness 156–158 (1993) 612

Electrical Properties
Amorphous Alloys, Magnetic Properties, Specific Heat 156–158 (1993) 328
Liquid Semiconductors, Metal–Non-metal Transition, Structure 156–158 (1993) 675

Electrochemical Properties
Liquid Semiconductors, Thermodynamics 156–158 (1993) 393

Electrodeposition
Amorphous Alloys, Neutron Diffraction, X-ray Diffraction 156–158 (1993) 181

Electron Interactions
Metallic Glasses, Superconductors, Localization 156–158 (1993) 352

Electron Microscopy
Crystallization, Metallic Glasses, X-ray Diffraction 156–158 (1993) 567
Metallic Glasses, Medium-Range Order, Microstructure 156–158 (1993) 196
Solid State Reaction, Amorphous Alloys, Defects 156–158 (1993) 498

Electronic Conductivity
Amorphous Alloys, Crystallization, Relaxation 156–158 (1993) 585
Amorphous Alloys, Electronic Structure, Hall Coefficient 156–158 (1993) 297
Amorphous Alloys, Hall Coefficient, Magnetic Properties 156–158 (1993) 307
Amorphous Alloys, Superconductors, Neutron Irradiation 156–158 (1993) 347
Amorphous Alloys, Thermoelectric Power, Magnetic Properties 156–158 (1993) 324
Expanded Liquid Metals, Metal–Non-metal Transition, Thermoelectric Power 156–158 (1993) 654
Liquid Alloys, Electronic Structure, Short-Range Order 156–158 (1993) 289
Liquid Alloys, Electronic Structure 156–158 (1993) 276
Liquid Alloys, Magnetic Properties, Short-Range Order 156–158 (1993) 285
Liquid Alloys, Metal–Non-metal Transition, Short-Range Order 156–158 (1993) 740

Liquid Alloys, Metal–Non-metal Transition, Thermoelectric Power 156–158 (1993) 736
Liquid Alloys, Short-Range Order, Nitrogen-Containing Glass 156–158 (1993) 293
Liquid Alloys, Thermoelectric Power, Short-Range Order 156–158 (1993) 281
Liquid Semiconductors, Ionic Conductivity, Thermoelectric Power 156–158 (1993) 752
Liquid Semiconductors, Thermoelectric Power, Mobility Edge 156–158 (1993) 748
Liquid Semiconductors, X-ray Diffraction, Structure 156–158 (1993) 744
Metal–Non-metal Transition, Pressure Effects, Amorphization 156–158 (1993) 760
Quasicrystals, Crystallization, Thermodynamics 156–158 (1993) 923
Quasicrystals, Electronic Structure, Localization 156–158 (1993) 865
Quasicrystals, Magnetic Properties, Metal–Non-metal Transition 156–158 (1993) 901

Electronic Structure
Amorphous Alloys, Density of States, Photo-emission 156–158 (1993) 246
Amorphous Alloys, Electronic Conductivity, Hall Coefficient 156–158 (1993) 297
Amorphous Alloys, EXAFS, Short-Range Order 156–158 (1993) 137
Amorphous Alloys, Magnetic Properties, Photo-emission 156–158 (1993) 311
Amorphous Alloys, Magnetic Properties, Structure 156–158 (1992) 210
Amorphous Alloys, Modelling, Structure 156–158 (1993) 255
Amorphous Alloys, Optical Properties, Structure 156–158 (1993) 302
Amorphous Alloys, Photo-emission, Stability 156–158 (1993) 259
Amorphous Alloys, Photo-emission, Thermodynamics 156–158 (1993) 263
Clusters, Photo-emission, Light Scattering 156–158 (1993) 794
Clusters, Structure, Metal–Non-metal Transition 156–158 (1993) 787
Computer Simulation, Molecular Dynamics, Liquid Metals 156–158 (1993) 956
Liquid Alloys, Electronic Conductivity, Short-Range Order 156–158 (1993) 289
Liquid Alloys, Electronic Conductivity 156–158 (1993) 276
Liquid Alloys, Photo-emission, Thermodynamics 156–158 (1993) 241
Liquid Metals, Amorphous Alloys, Density of States 156–158 (1993) 251
Liquid Metals, Amorphous Alloys, Structure 156–158 (1993) 332
Liquid Metals, Photo-emission, Structure 156–158 (1993) 236
Liquid Metals, Photo-emission, UPS 156–158 (1993) 226
Liquid Metals, Surface Properties, Photo-emission 156–158 (1993) 817
Liquids, Integral Equations for Liquids, Density of States 156–158 (1993) 232
Metal–Insulator Transition, EXAFS, Neutron Diffraction 156–158 (1993) 667
Metal–Insulator Transition, Expanded Liquids, Structure 156–158 (1993) 621
Metal–Insulator Transition, Localization, Liquid Metals 156–158 (1993) 639
Molecular Dynamics, Liquid Alloys, Short-Range Order 156–158 (1993) 961
Quasicrystals, Dynamical Structure, Collective Modes 156–158 (1993) 887
Quasicrystals, Electronic Conductivity, Localization 156–158 (1993) 865
Quasicrystals, Electron–Lattice Interactions, XPS 156–158 (1993) 882
Quasicrystals, Localization 156–158 (1993) 944
Quasicrystals, Photo-emission, Structure 156–158 (1993) 891
Quasicrystals, X-ray Emission, X-ray Absorption 156–158 (1993) 896
Structure, Computer Simulation, Bonding 156–158 (1993) 268
Transition Metals, Liquid Metals, Density of States 156–158 (1993) 272

Electron–Lattice Interactions
Quasicrystals, Electronic Structure, XPS 156–158 (1993) 882

Ellipsometry
Metal–Insulator Transition, Molten Salts, Localization 156–158 (1993) 763
Thermodynamics, Liquid Alloys, Chemical Short-Range Order 156–158 (1993) 362

Entropy
Amorphous Alloys, Crystallization, Calorimetry 156–158 (1993) 589
Liquid Alloys, Thermodynamics, Mass Spectrometry 156–158 (1993) 425

EXAFS
Amorphous Alloys, Electronic Structure, Short-Range Order 156–158 (1993) 137
Crystallization, Amorphous Alloys, Growth Kinetics 156–158 (1993) 571
Glass Transition, Molten Salts, Local Environment 156–158 (1993) 555
Liquid Alloys, XANES, Melting 156–158 (1993) 133
Liquid Metals, Neutron Diffraction, Differential Scanning Calorimetry, Magnetic Properties 156–158 (1993) 695
Liquid Metals, Structure, Topological Short-Range Order 156–158 (1993) 102
Liquid Semiconductors, Chalcogenides, Short-Range Order 156–158 (1993) 712

Liquid Semiconductors, Doping, Structure 156–158 (1993) 756
Metal–Insulator Transition, Neutron Diffraction, Electronic Structure 156–158 (1993) 667
Solid State Reaction, Amorphous Alloys, X-ray Diffraction 156–158 (1993) 575

Expanded Liquid Metals
Dynamical Properties, Molecular Dynamics, Hydrodynamics 156–158 (1993) 15
Integral Equations for Liquids, Effective Potentials, Structure 156–158 (1993) 149
Liquid Metals, Thermal Properties, Heat Capacity 156–158 (1993) 374
Metal–Non-metal Transition, Electronic Conductivity, Thermoelectric Power 156–158 (1993) 654
Structure, X-ray Diffraction, Density 156–158 (1993) 650
Thermal Properties, Structure, Metal–Non-metal Transition 156–158 (1993) 659

Expanded Liquids
Clusters, Covalent Glasses, Metal–Non-metal Transition 156–158 (1993) 807
Dynamical Properties, Metastability, Neutron Inelastic Scattering 156–158 (1993) 9
Metal–Insulator Transition, Electronic Structure, Structure 156–158 (1993) 621
Structure, X-ray Diffraction, Microstructure 156–158 (1993) 646

Fractals
Thin Films, Percolation, Conductivity 156–158 (1993) 849

Freezing
Liquid Alloys, Nucleation, Crystallization 156–158 (1993) 463
Liquid Metals, Thermodynamics, Amorphization 156–158 (1993) 402
Melting, Thermoelectric Power 156–158 (1993) 493

Glass Formation
Glass Transition, Amorphous Alloys, Thermodynamics 156–158 (1993) 473
Melting, Metallic Glasses, Phase Transition 156–158 (1993) 481
Molecular Dynamics, Local Environment, Short-Range Order 156–158 (1993) 173
Solid State Reaction, Structure, Thermodynamics 156–158 (1993) 603
Supercooled Liquids, Crystallization 156–158 (1993) 580

Glass Transition
Glass Formation, Amorphous Alloys, Thermodynamics 156–158 (1993) 473
Metallic Glasses, Specific Heat, Relaxation 156–158 (1993) 523
Molecular Dynamics, Molten Salts, Dynamical Properties 156–158 (1993) 559
Molten Salts, Local Environment, EXAFS 156–158 (1993) 555
Quenching, Differential Scanning Calorimetry 156–158 (1993) 519

Glasses
Defects, Diffusion, Molecular Dynamics 156–158 (1993) 982
Dynamical Properties, Molecular Dynamics, Localization 156–158 (1993) 965
Orientational Correlation, Liquids, Mechanical Properties 156–158 (1993) 63

Growth Kinetics
Crystallization, Amorphous Alloys, EXAFS 156–158 (1993) 571

Hall Coefficient
Amorphous Alloys, Electronic Conductivity, Magnetic Properties 156–158 (1993) 307
Amorphous Alloys, Electronic Structure, Electronic Conductivity 156–158 (1993) 297

Hardness
Thin Films, Stability, Elastic Properties 156–158 (1993) 612

Heat Capacity
Liquid Metals, Thermal Properties, Expanded Liquid Metals 156–158 (1993) 374
Supercooled Liquids, Liquid Alloys, Differential Thermal Analysis 156–158 (1993) 450

Hydrodynamics
Dynamical Properties, Diffusion, Liquids 156–158 (1993) 141
Expanded Liquid Metals, Dynamical Properties, Molecular Dynamics 156–158 (1993) 15

Integral Equations for Liquids
Electronic Structure, Liquids, Density of States 156–158 (1993) 232
Expanded Liquid Metals, Effective Potentials, Structure 156–158 (1993) 149
Liquid Alloys, Molecular Dynamics, Structure 156–158 (1993) 85

Ionic Conductivity
Liquid Semiconductors, Electronic Conductivity, Thermoelectric Power 156–158 (1993) 752

Light Scattering
Clusters, Electronic Structure, Photoemission 156–158 (1993) 794
Vapour Phase, Polarization 156–158 (1993) 663

Liquid Alloys
Calorimetry, Thermodynamics, Chemical Short-Range Order 156–158 (1993) 388

Calorimetry, Thermodynamics, Short-Range Order 156–158 (1993) 379
Electronic Conductivity, Electronic Structure, Short-Range Order 156–158 (1993) 289
Electronic Conductivity, Electronic Structure 156–158 (1993) 276
Electronic Conductivity, Magnetic Properties, Short-Range Order 156–158 (1993) 285
Electronic Conductivity, Metal–Non-metal Transition, Short-Range Order 156–158 (1993) 740
Electronic Conductivity, Metal–Non-metal Transition, Thermoelectric Power 156–158 (1993) 736
Electronic Conductivity, Short-Range Order, Nitrogen-Containing Glass 156–158 (1993) 293
Electronic Conductivity, Thermoelectric Power, Short-Range Order 156–158 (1993) 281
Electronic Structure, Photo-emission, Thermodynamics 156–158 (1993) 241
Freezing, Nucleation, Crystallization 156–158 (1993) 463
Integral Equations for Liquids, Molecular Dynamics, Structure 156–158 (1993) 85
Mass Spectrometry, Thermodynamics 156–158 (1993) 429
Molecular Dynamics, Short-Range Order, Electronic Structure 156–158 (1993) 961
Neutron Diffraction, Thermal Properties, Short-Range Order 156–158 (1993) 153
Short-Range Order, Medium-Range Order, Neutron Diffraction 156–158 (1993) 76
Short-Range Order, Neutron Diffraction, Reverse Monte Carlo 156–158 (1993) 978
Structure, Modelling, Amorphous Alloys 156–158 (1993) 89
Structure, Neutron Diffraction, Chemical Short-Range Order 156–158 (1993) 38
Structure, Short-Range Order, Effective Potentials 156–158 (1993) 130
Supercooled Liquids, Heat Capacity, Differential Thermal Analysis 156–158 (1993) 450
Surface Tension, Vaporization, Surface Analysis 156–158 (1993) 841
Thermodynamics, Chemical Short-Range Order, Ellipsometry 156–158 (1993) 362
Thermodynamics, Mass Spectrometry, Entropy 156–158 (1993) 425
Thermodynamics, Phase Separation, Clusters 156–158 (1993) 407
Thermodynamics, Short-Range Order, Clusters 156–158 (1993) 433
Thermodynamics, Short-Range Order 156–158 (1993) 384
Thermodynamics, Surface Properties, Phase Diagrams 156–158 (1993) 369
Viscosity 156–158 (1993) 441
XANES, EXAFS, Melting 156–158 (1993) 133

Liquid Metals

Amorphous Alloys, Electronic Structure, Structure 156–158 (1993) 332
Chalcogenides, Liquid Semiconductors, Structure, Thermodynamics 156–158 (1993) 356
Computer Simulation, Molecular Dynamics, Electronic Structure 156–158 (1993) 956
Computer Simulation, Molten Salts, Molecular Dynamics 156–158 (1993) 771
Dynamical Properties, Molecular Dynamics, Mode Coupling 156–158 (1993) 125
Dynamical Properties, Neutron Inelastic Scattering, Collective Modes 156–158 (1993) 48
Dynamical Properties, Transport Properties – Liquids, Molecular Dynamics 156–158 (1993) 43
Effective Potentials, Small Angle Neutron Scattering, Small Angle X-ray Scattering 156–158 (1993) 98
Electronic Structure, Amorphous Alloys, Density of States 156–158 (1993) 251
Electronic Structure, Photo-emission, UPS 156–158 (1993) 226
Liquid Semiconductors, Density, X-ray Absorption 156–158 (1993) 687
Liquid Semiconductors, Metal–Non-metal Transition, Specific Heat 156–158 (1993) 691
Liquid Semiconductors, Optical Properties, Metal–Non-metal Transition 156–158 (1993) 732
Liquid Semiconductors, Phase Separation, Critical Point 156–158 (1993) 700
Metal–Insulator Transition, Localization, Electronic Structure 156–158 (1993) 639
Metallic Glasses, Structure, Dynamical Properties 156–158 (1993) 1
Molten Salts, Collective Modes, Dynamical Properties 156–158 (1993) 775
Neutron Diffraction, EXAFS, Differential Scanning Calorimetry, Magnetic Properties 156–158 (1993) 695
Photo-emission, Electronic Structure, Structure 156–158 (1993) 236
Photo-emission, Surface Analysis, UPS 156–158 (1993) 219
Specific Heat, Calorimetry, Supercooled Liquids 156–158 (1993) 398
Specific Heat, Thermodynamics, Calorimetry 156–158 (1993) 421
Structure, EXAFS, Topological Short-Range Order 156–158 (1993) 102
Structure, Monte Carlo Simulations, Liquid Semiconductors 156–158 (1993) 68
Structure, Pressure-Induced Structural Transformation, X-ray Diffraction 156–158 (1993) 157
Structure, Short-Range Order, Molecular Dynamics 156–158 (1993) 107
Surface Properties, Neutron Diffraction, Computer Simulation 156–158 (1993) 812
Surface Properties, Photo-emission, Electronic Structure 156–158 (1993) 817
Surface Properties, Surface Tension, Structure 156–158 (1993) 822

Surface Properties, Surface Tension, Viscosity 156–158 (1993) 830
Surface Properties 156–158 (1993) 826
Surface Tension, Surface Properties 156–158 (1993) 833
Surface Tension 156–158 (1993) 845
Thermal Properties, Density 156–158 (1993) 417
Thermal Properties, Heat Capacity, Expanded Liquid Metals 156–158 (1993) 374
Thermodynamics, Amorphization, Freezing 156–158 (1993) 402
Thermodynamics, Metal–Non-metal Transition, Vapour Phase 156–158 (1993) 631
Thermodynamics, Structure 156–158 (1993) 412
Transition Metals, Density of States, Electronic Structure 156–158 (1993) 272
X-ray Absorption, Three-body Correlations, Structure 156–158 (1993) 112

Liquid Semiconductors
Amorphous Semiconductors, Structure, Raman Spectra 156–158 (1993) 725
Chalcogenides, Liquid Metals, Structure, Thermodynamics 156–158 (1993) 356
Doping, Structure, EXAFS 156–158 (1993) 756
Electronic Conductivity, Ionic Conductivity, Thermoelectric Power 156–158 (1993) 752
Electronic Conductivity, Thermoelectric Power, Mobility Edge 156–158 (1993) 748
Electronic Conductivity, X-ray Diffraction, Structure 156–158 (1993) 744
EXAFS, Chalcogenides, Short-Range Order 156–158 (1993) 712
Liquid Metals, Density, X-ray Absorption 156–158 (1993) 687
Liquid Metals, Metal–Non-metal Transition, Specific Heat 156–158 (1993) 691
Liquid Metals, Optical Properties, Metal–Non-metal Transition 156–158 (1993) 732
Liquid Metals, Phase Separation, Critical Point 156–158 (1993) 700
Metal–Non-metal Transition, Density, X-ray Absorption 156–158 (1993) 708
Metal–Non-metal Transition, Electrical Properties, Structure 156–158 (1993) 675
Optical Properties, Critical Point 156–158 (1993) 728
Structure, Monte Carlo Simulations, Liquid Metals 156–158 (1993) 68
Structure, Neutron Diffraction, Short-Range Order 156–158 (1993) 716
Thermodynamics, Calorimetry, Specific Heat 156–158 (1993) 704
Thermodynamics, Electrochemical Properties 156–158 (1993) 393

Liquids
Dynamical Properties, Diffusion, Hydrodynamics 156–158 (1993) 141
Electronic Structure, Integral Equations for Liquids, Density of States 156–158 (1993) 232
Molecular Dynamics, Phase Transition 156–158 (1993) 986
Orientational Correlation, Glasses, Mechanical Properties 156–158 (1993) 63

Local Environment
Amorphous Alloys, Magnetic Properties, Mössbauer Effect 156–158 (1993) 336
Glass Formation, Molecular Dynamics, Short-Range Order 156–158 (1993) 173
Glass Transition, Molten Salts, EXAFS 156–158 (1993) 555
Quasicrystals, Magnetic Properties, Structure 156–158 (1993) 905

Localization
Dynamical Properties, Glasses, Molecular Dynamics 156–158 (1993) 965
Metal–Insulator Transition, Liquid Metals, Electronic Structure 156–158 (1993) 639
Metal–Insulator Transition, Molten Salts, Ellipsometry 156–158 (1993) 763
Metallic Glasses, Superconductors, Electron Interactions 156–158 (1993) 352
Quasicrystals, Dynamical Properties, Neutron Inelastic Scattering 156–158 (1993) 872
Quasicrystals, Electronic Structure, Electronic Conductivity 156–158 (1993) 865
Quasicrystals, Electronic Structure 156–158 (1993) 944

Magnetic Properties
Amorphous Alloys, Anomalous X-ray Scattering, Chemical Short-Range Order 156–158 (1993) 161
Amorphous Alloys, Electrical Properties, Specific Heat 156–158 (1993) 328
Amorphous Alloys, Electronic Conductivity, Thermoelectric Power 156–158 (1993) 324
Amorphous Alloys, Electronic Structure, Photo-emission 156–158 (1993) 311
Amorphous Alloys, Electronic Structure, Structure 156–158 (1992) 210
Amorphous Alloys, Hall Coefficient, Electronic Conductivity 156–158 (1993) 307
Amorphous Alloys, Mössbauer Effect, Local Environment 156–158 (1993) 336
Amorphous Alloys, Mössbauer Effect, Structure 156–158 (1993) 192
Amorphous Alloys, Mössbauer Effect, Thermal Properties 156–158 (1993) 344
Amorphous Alloys, Mössbauer Effect 156–158 (1993) 319
Amorphous Alloys, Optical Properties 156–158 (1993) 340
Amorphous Alloys, Structure 156–158 (1993) 201
Clusters, Nuclear Magnetic Resonance 156–158 (1993) 803
Liquid Alloys, Electronic Conductivity, Short-Range Order 156–158 (1993) 285

Liquid Metals, Neutron Diffraction, EXAFS, Differential Scanning Calorimetry 156–158 (1993) 695
Metallic Glasses, Short-Range Order, Relaxation 156–158 (1993) 315
Molten Salts, Structure, Neutron Diffraction 156–158 (1993) 767
Quasicrystals, Electronic Conductivity, Metal–Non-metal Transition 156–158 (1993) 901
Quasicrystals, Local Environment, Structure 156–158 (1993) 905
Quasicrystals, Structure, Crystallization 156–158 (1993) 909

Mass Spectrometry
Liquid Alloys, Thermodynamics, Entropy 156–158 (1993) 425
Liquid Alloys, Thermodynamics 156–158 (1993) 429

Mechanical Amorphization
Amorphization, Dynamical Properties, Quenching 156–158 (1993) 502
Amorphization, Thermodynamics, Structure 156–158 (1993) 527
Differential Scanning Calorimetry, X-ray Diffraction 156–158 (1993) 617

Mechanical Properties
Amorphization, Molecular Dynamics, Stress Relaxation 156–158 (1993) 510
Amorphous Alloys, Supercooled Liquids 156–158 (1993) 598
Melting, Defects, Thermodynamics 156–158 (1993) 536
Orientational Correlation, Liquids, Glasses 156–158 (1993) 63

Medium-Range Order
Liquid Alloys, Short-Range Order, Neutron Diffraction 156–158 (1993) 76
Metallic Glasses, Electron Microscopy, Microstructure 156–158 (1993) 196
Reverse Monte Carlo, Structure, Topological Short-Range Order 156–158 (1993) 949
Structure, Modelling, Metallic Glasses 156–158 (1993) 94
Supercooled Liquids, Dynamical Properties, Molecular Dynamics 156–158 (1993) 80

Melting
Defects, Mechanical Properties, Thermodynamics 156–158 (1993) 536
Glass Formation, Metallic Glasses, Phase Transition 156–158 (1993) 481
Liquid Alloys, XANES, EXAFS 156–158 (1993) 133
Thermoelectric Power, Freezing 156–158 (1993) 493

Metal–Insulator Transition
EXAFS, Neutron Diffraction, Electronic Structure 156–158 (1993) 667
Expanded Liquids, Electronic Structure, Structure 156–158 (1993) 621
Localization, Liquid Metals, Electronic Structure 156–158 (1993) 639
Molten Salts, Ellipsometry, Localization 156–158 (1993) 763

Metallic Glasses
Crystallization, X-ray Diffraction, Electron Microscopy 156–158 (1993) 567
Electron Microscopy, Medium-Range Order, Microstructure 156–158 (1993) 196
Glass Formation, Melting, Phase Transition 156–158 (1993) 481
Glass Transition, Specific Heat, Relaxation 156–158 (1993) 523
Liquid Metals, Structure, Dynamical Properties 156–158 (1993) 1
Magnetic Properties, Short-Range Order, Relaxation 156–158 (1993) 315
Neutron Diffraction, Chemical Short-Range Order, Amorphous Alloys 156–158 (1993) 120
Neutron Diffraction, Chemical Short-Range Order, Topological Short-Range Order 156–158 (1993) 169
Relaxation, Thermodynamics 156–158 (1993) 188
Structure, Modelling, Medium-Range Order 156–158 (1993) 94
Structure, Neutron Diffraction, X-ray Diffraction 156–158 (1993) 165
Superconductors, Localization, Electron Interactions 156–158 (1993) 352

Metal–Non-metal Transition
Clusters, Structure, Electronic Structure 156–158 (1993) 787
Expanded Liquid Metals, Electronic Conductivity, Thermoelectric Power 156–158 (1993) 654
Expanded Liquid Metals, Thermal Properties, Structure 156–158 (1993) 659
Expanded Liquids, Clusters, Covalent Glasses 156–158 (1993) 807
Liquid Alloys, Electronic Conductivity, Short-Range Order 156–158 (1993) 740
Liquid Alloys, Electronic Conductivity, Thermoelectric Power 156–158 (1993) 736
Liquid Metals, Thermodynamics, Vapour Phase 156–158 (1993) 631
Liquid Semiconductors, Density, X-ray Absorption 156–158 (1993) 708
Liquid Semiconductors, Electrical Properties, Structure 156–158 (1993) 675
Liquid Semiconductors, Liquid Metals, Optical Properties 156–158 (1993) 732
Liquid Semiconductors, Liquid Metals, Specific Heat 156–158 (1993) 691
Pressure Effects, Amorphization, Electronic Conductivity 156–158 (1993) 760
Quasicrystals, Electronic Conductivity, Magnetic Properties 156–158 (1993) 901

Short-Range Order, Amorphous Semiconductors, Pressure-Induced Structural Transformation 156–158 (1993) 185
Structure, Neutron Diffraction, X-ray Diffraction 156–158 (1993) 683

Metastability
Dynamical Properties, Expanded Liquids, Neutron Inelastic Scattering 156–158 (1993) 9

Microstructure
Expanded Liquids, Structure, X-ray Diffraction 156–158 (1993) 646
Metallic Glasses, Electron Microscopy, Medium-Range Order 156–158 (1993) 196

Mobility Edge
Liquid Semiconductors, Electronic Conductivity, Thermoelectric Power 156–158 (1993) 748

Mode Coupling
Liquid Metals, Dynamical Properties, Molecular Dynamics 156–158 (1993) 125

Modelling
Amorphization, Structure, Crystallization 156–158 (1993) 594
Amorphous Alloys, Electronic Structure, Structure 156–158 (1993) 255
Quasicrystals, Structure 156–158 (1993) 936
Quasicrystals, Structure, X-ray Diffraction, Neutron Diffraction 156–158 (1993) 927
Structure, Liquid Alloys, Amorphous Alloys 156–158 (1993) 89
Structure, Medium-Range Order, Metallic Glasses 156–158 (1993) 94

Molecular Dynamics
Amorphization, Mechanical Properties, Stress Relaxation 156–158 (1993) 510
Computer Simulation, Liquid Metals, Electronic Structure 156–158 (1993) 956
Computer Simulation, Liquid Metals, Molten Salts 156–158 (1993) 771
Dynamical Properties, Glasses, Localization 156–158 (1993) 965
Dynamical Properties, Liquid Metals, Transport Properties – Liquids 156–158 (1993) 43
Expanded Liquid Metals, Dynamical Properties, Hydrodynamics 156–158 (1993) 15
Glass Formation, Local Environment, Short-Range Order 156–158 (1993) 173
Glass Transition, Molten Salts, Dynamical Properties 156–158 (1993) 559
Glasses, Defects, Diffusion 156–158 (1993) 982
Liquid Alloys, Integral Equations for Liquids, Structure 156–158 (1993) 85
Liquid Alloys, Short-Range Order, Electronic Structure 156–158 (1993) 961
Liquid Metals, Dynamical Properties, Mode Coupling 156–158 (1993) 125
Liquid Metals, Structure, Short-Range Order 156–158 (1993) 107
Liquids, Phase Transition 156–158 (1993) 986
Supercooled Liquids, Dynamical Properties, Medium-Range Order 156–158 (1993) 80

Molten Salts
Amorphization, Amorphous Alloys, Nucleation 156–158 (1993) 551
Computer Simulation, Liquid Metals, Molecular Dynamics 156–158 (1993) 771
Density, Dynamical Properties, Acoustic Properties 156–158 (1993) 779
Glass Transition, Local Environment, EXAFS 156–158 (1993) 555
Glass Transition, Molecular Dynamics, Dynamical Properties 156–158 (1993) 559
Liquid Metals, Collective Modes, Dynamical Properties 156–158 (1993) 775
Metal–Insulator Transition, Ellipsometry, Localization 156–158 (1993) 763
Structure, Neutron Diffraction, Magnetic Properties 156–158 (1993) 767
X-ray Diffraction, Structure, Short-Range Order 156–158 (1993) 783

Monte Carlo Simulations
Structure, Dynamical Properties, Amorphous Alloys, Neutron Inelastic Scattering 156–158 (1993) 72
Structure, Liquid Semiconductors, Liquid Metals 156–158 (1993) 68

Mössbauer Effect
Amorphous Alloys, Magnetic Properties, Local Environment 156–158 (1993) 336
Amorphous Alloys, Magnetic Properties 156–158 (1993) 319
Amorphous Alloys, Structure, Magnetic Properties 156–158 (1993) 192
Amorphous Alloys, Thermal Properties, Magnetic Properties 156–158 (1993) 344
Amorphous Alloys, X-ray Diffraction, Amorphization 156–158 (1993) 547

Neutron Diffraction
Amorphization, Dynamical Properties, Amorphous Alloys 156–158 (1993) 506
Amorphization, Small Angle Neutron Scattering, Amorphous Alloys 156–158 (1993) 116
Amorphous Alloys, Amorphization, Thin Films 156–158 (1993) 177
Amorphous Alloys, Electrodeposition, X-ray Diffraction 156–158 (1993) 181

Chalcogenides, Structure, Short-Range Order 156–158 (1993) 720
Liquid Alloys, Short-Range Order, Medium-Range Order 156–158 (1993) 76
Liquid Alloys, Short-Range Order, Reverse Monte Carlo 156–158 (1993) 978
Liquid Alloys, Structure, Chemical Short-Range Order 156–158 (1993) 38
Liquid Alloys, Thermal Properties, Short-Range Order 156–158 (1993) 153
Liquid Metals, EXAFS, Differential Scanning Calorimetry, Magnetic Properties 156–158 (1993) 695
Liquid Metals, Surface Properties, Computer Simulation 156–158 (1993) 812
Liquid Semiconductors, Structure, Short-Range Order 156–158 (1993) 716
Metal–Insulator Transition, EXAFS, Electronic Structure 156–158 (1993) 667
Metallic Glasses, Chemical Short-Range Order, Amorphous Alloys 156–158 (1993) 120
Metallic Glasses, Chemical Short-Range Order, Topological Short-Range Order 156–158 (1993) 169
Metallic Glasses, Structure, X-ray Diffraction 156–158 (1993) 165
Molten Salts, Structure, Magnetic Properties 156–158 (1993) 767
Quasicrystals, Structure, Modelling, X-ray Diffraction 156–158 (1993) 927
Quasicrystals, Structure, Topological Short-Range Order 156–158 (1993) 918
Quasicrystals, Structure, X-ray Diffraction 156–158 (1993) 852
Structure, Amorphous Alloys, X-ray Diffraction 156–158 (1993) 24
Structure, Metal–Non-metal Transition, X-ray Diffraction 156–158 (1993) 683
Structure, Topological Short-Range Order, Chemical Short-Range Order 156–158 (1993) 34

Neutron Inelastic Scattering
Amorphization, Solid State Reaction, Calorimetry 156–158 (1993) 564
Amorphous Alloys, Collective Modes, Dynamical Structure 156–158 (1993) 53
Dynamical Properties, Amorphous Alloys, Collective Modes 156–158 (1993) 58
Dynamical Properties, Expanded Liquids, Metastability 156–158 (1993) 9
Dynamical Properties, Liquid Metals, Collective Modes 156–158 (1993) 48
Quasicrystals, Dynamical Properties, Localization 156–158 (1993) 872
Structure, Dynamical Properties, Amorphous Alloys, Monte Carlo Simulations 156–158 (1993) 72

Neutron Irradiation
Amorphous Alloys, Superconductors, Electronic Conductivity 156–158 (1993) 347

Nitrogen-Containing Glass
Liquid Alloys, Electronic Conductivity, Short-Range Order 156–158 (1993) 293

Nuclear Magnetic Resonance
Clusters, Magnetic Properties 156–158 (1993) 803

Nucleation
Amorphization, Amorphous Alloys, Molten Salts 156–158 (1993) 551
Amorphous Alloys, Crystallization 156–158 (1993) 514
Liquid Alloys, Freezing, Crystallization 156–158 (1993) 463

Optical Properties
Amorphous Alloys, Electronic Structure, Structure 156–158 (1993) 302
Amorphous Alloys, Magnetic Properties 156–158 (1993) 340
Liquid Semiconductors, Critical Point 156–158 (1993) 728
Liquid Semiconductors, Liquid Metals, Metal–Non-metal Transition 156–158 (1993) 732

Orientational Correlation
Liquids, Glasses, Mechanical Properties 156–158 (1993) 63

Percolation
Thin Films, Conductivity, Fractals 156–158 (1993) 849

Phase Diagrams
Liquid Alloys, Thermodynamics, Surface Properties 156–158 (1993) 369

Phase Separation
Liquid Alloys, Thermodynamics, Clusters 156–158 (1993) 407
Liquid Semiconductors, Liquid Metals, Critical Point 156–158 (1993) 700

Phase Transition
Glass Formation, Melting, Metallic Glasses 156–158 (1993) 481
Molecular Dynamics, Liquids 156–158 (1993) 986
Quasicrystals, Defects, Chemical Short-Range Order 156–158 (1993) 940
Thermodynamics 156–158 (1993) 459

Photo-emission
Amorphous Alloys, Electronic Structure, Magnetic Properties 156–158 (1993) 311
Amorphous Alloys, Electronic Structure, Stability 156–158 (1993) 259
Amorphous Alloys, Electronic Structure, Thermodynamics 156–158 (1993) 263
Clusters, Electronic Structure, Light Scattering 156–158 (1993) 794

Electronic Structure, Amorphous Alloys, Density of States 156–158 (1993) 246
Liquid Alloys, Electronic Structure, Thermodynamics 156–158 (1993) 241
Liquid Metals, Electronic Structure, Structure 156–158 (1993) 236
Liquid Metals, Electronic Structure, UPS 156–158 (1993) 226
Liquid Metals, Surface Analysis, UPS 156–158 (1993) 219
Liquid Metals, Surface Properties, Electronic Structure 156–158 (1993) 817
Quasicrystals, Electronic Structure, Structure 156–158 (1993) 891

Polarization
Vapour Phase, Light Scattering 156–158 (1993) 663

Pressure Effects
Metal–Non-metal Transition, Amorphization, Electronic Conductivity 156–158 (1993) 760

Pressure-Induced Structural Transformation
Amorphous Solids, X-ray Diffraction, Quenching 156–158 (1993) 540
Liquid Metals, Structure, X-ray Diffraction 156–158 (1993) 157
Short-Range Order, Amorphous Semiconductors, Metal–Non-metal Transition 156–158 (1993) 185
Solid State Reaction, Amorphization, Differential Scanning Calorimetry 156–158 (1993) 544

Quasicrystals
Crystallization, Electronic Conductivity, Thermodynamics 156–158 (1993) 923
Defects, Chemical Short-Range Order, Phase Transition 156–158 (1993) 940
Dynamical Properties, Neutron Inelastic Scattering, Localization 156–158 (1993) 872
Electronic Conductivity, Magnetic Properties, Metal–Non-metal Transition 156–158 (1993) 901
Electronic Structure, Dynamical Structure, Collective Modes 156–158 (1993) 887
Electronic Structure, Electronic Conductivity, Localization 156–158 (1993) 865
Electronic Structure, Electron–Lattice Interactions, XPS 156–158 (1993) 882
Electronic Structure, Localization 156–158 (1993) 944
Electronic Structure, Photo-emission, Structure 156–158 (1993) 891
Electronic Structure, X-ray Emission, X-ray Absorption 156–158 (1993) 896
Magnetic Properties, Local Environment, Structure 156–158 (1993) 905
Magnetic Properties, Structure, Crystallization 156–158 (1993) 909
Solid State Reaction, Quenching, Structure 156–158 (1993) 927
Structure, Crystallization 156–158 (1993) 914
Structure, Modelling 156–158 (1993) 936
Structure, Modelling, X-ray Diffraction, Neutron Diffraction 156–158 (1993) 927
Structure, Neutron Diffraction, Topological Short-Range Order 156–158 (1993) 918
Structure, Neutron Diffraction, X-ray Diffraction 156–158 (1993) 852

Quenching
Amorphization, Dynamical Properties, Mechanical Amorphization 156–158 (1993) 502
Glass Transition, Differential Scanning Calorimetry 156–158 (1993) 519
Pressure-Induced Structural Transformation, Amorphous Solids, X-ray Diffraction 156–158 (1993) 540
Quasicrystals, Solid State Reaction, Structure 156–158 (1993) 927

Raman Spectra
Liquid Semiconductors, Amorphous Semiconductors, Structure 156–158 (1993) 725

Relaxation
Amorphization, Computer Simulation, Amorphous Alloys 156–158 (1993) 532
Amorphous Alloys, Crystallization, Electronic Conductivity 156–158 (1993) 585
Glass Transition, Metallic Glasses, Specific Heat 156–158 (1993) 523
Magnetic Properties, Metallic Glasses, Short-Range Order 156–158 (1993) 315
Metallic Glasses, Thermodynamics 156–158 (1993) 188

Reverse Monte Carlo
Liquid Alloys, Short-Range Order, Neutron Diffraction 156–158 (1993) 978
Structure, Topological Short-Range Order, Medium-Range Order 156–158 (1993) 949

Secondary Ion Mass Spectroscopy
Amorphous Alloys, Diffusion 156–158 (1993) 437

Short-Range Order
Amorphous Alloys, Computer Simulation, Structure 156–158 (1993) 973
Amorphous Alloys, Electronic Structure, EXAFS 156–158 (1993) 137
Amorphous Alloys, Structure, Computer Simulation 156–158 (1993) 969
Amorphous Semiconductors, Pressure-Induced Structural Transformation, Metal–Non-metal Transition 156–158 (1993) 185
Chalcogenides, Structure, Neutron Diffraction 156–158 (1993) 720

Glass Formation, Molecular Dynamics, Local Environment 156–158 (1993) 173
Liquid Alloys, Calorimetry, Thermodynamics 156–158 (1993) 379
Liquid Alloys, Electronic Conductivity, Electronic Structure 156–158 (1993) 289
Liquid Alloys, Electronic Conductivity, Magnetic Properties 156–158 (1993) 285
Liquid Alloys, Electronic Conductivity, Metal–Non-metal Transition 156–158 (1993) 740
Liquid Alloys, Electronic Conductivity, Nitrogen-Containing Glass 156–158 (1993) 293
Liquid Alloys, Electronic Conductivity, Thermoelectric Power 156–158 (1993) 281
Liquid Alloys, Medium-Range Order, Neutron Diffraction 156–158 (1993) 76
Liquid Alloys, Neutron Diffraction, Reverse Monte Carlo 156–158 (1993) 978
Liquid Alloys, Neutron Diffraction, Thermal Properties 156–158 (1993) 153
Liquid Alloys, Structure, Effective Potentials 156–158 (1993) 130
Liquid Alloys, Thermodynamics, Clusters 156–158 (1993) 433
Liquid Alloys, Thermodynamics 156–158 (1993) 384
Liquid Metals, Structure, Molecular Dynamics 156–158 (1993) 107
Liquid Semiconductors, EXAFS, Chalcogenides 156–158 (1993) 712
Liquid Semiconductors, Structure, Neutron Diffraction 156–158 (1993) 716
Magnetic Properties, Metallic Glasses, Relaxation 156–158 (1993) 315
Molecular Dynamics, Liquid Alloys, Electronic Structure 156–158 (1993) 961
Molten Salts, X-ray Diffraction, Structure 156–158 (1993) 783

Small Angle Neutron Scattering
Amorphization, Neutron Diffraction, Amorphous Alloys 156–158 (1993) 116
Effective Potentials, Liquid Metals, Small Angle X-ray Scattering 156–158 (1993) 98

Small Angle X-ray Scattering
Effective Potentials, Liquid Metals, Small Angle Neutron Scattering 156–158 (1993) 98

Solid State Reaction
Amorphization, Differential Scanning Calorimetry, Pressure-Induced Structural Transformation 156–158 (1993) 544
Amorphization, Differential Scanning Calorimetry, Thermodynamics 156–158 (1993) 608
Amorphization, Neutron Inelastic Scattering, Calorimetry 156–158 (1993) 564
Amorphous Alloys, Electron Microscopy, Defects 156–158 (1993) 498
Amorphous Alloys, EXAFS, X-ray Diffraction 156–158 (1993) 575
Glass Formation, Structure, Thermodynamics 156–158 (1993) 603
Quasicrystals, Quenching, Structure 156–158 (1993) 927

Specific Heat
Amorphous Alloys, Electrical Properties, Magnetic Properties 156–158 (1993) 328
Glass Transition, Metallic Glasses, Relaxation 156–158 (1993) 523
Liquid Metals, Calorimetry, Supercooled Liquids 156–158 (1993) 398
Liquid Metals, Thermodynamics, Calorimetry 156–158 (1993) 421
Liquid Semiconductors, Liquid Metals, Metal–Non-metal Transition 156–158 (1993) 691
Liquid Semiconductors, Thermodynamics, Calorimetry 156–158 (1993) 704

Stability
Amorphous Alloys, Electronic Structure, Photo-emission 156–158 (1993) 259
Thin Films, Elastic Properties, Hardness 156–158 (1993) 612

Stress Relaxation
Amorphization, Mechanical Properties, Molecular Dynamics 156–158 (1993) 510

Structure
Amorphization, Mechanical Amorphization, Thermodynamics 156–158 (1993) 527
Amorphization, Modelling, Crystallization 156–158 (1993) 594
Amorphous Alloys, Computer Simulation, Short-Range Order 156–158 (1993) 969
Amorphous Alloys, Computer Simulation, Short-Range Order 156–158 (1993) 973
Amorphous Alloys, Electronic Structure, Magnetic Properties 156–158 (1992) 210
Amorphous Alloys, Electronic Structure, Modelling 156–158 (1993) 255
Amorphous Alloys, Electronic Structure, Optical Properties 156–158 (1993) 302
Amorphous Alloys, Magnetic Properties 156–158 (1993) 201
Amorphous Alloys, Mössbauer Effect, Magnetic Properties 156–158 (1993) 192
Amorphous Alloys, Neutron Diffraction, X-ray Diffraction 156–158 (1993) 24
Chalcogenides, Liquid Metals, Liquid Semiconductors, Thermodynamics 156–158 (1993) 356
Chalcogenides, Neutron Diffraction, Short-Range Order 156–158 (1993) 720
Clusters, Electronic Structure, Metal–Non-metal Transition 156–158 (1993) 787

Dynamical Properties, Amorphous Alloys, Neutron Inelastic Scattering, Monte Carlo Simulations 156–158 (1993) 72
Electronic Structure, Computer Simulation, Bonding 156–158 (1993) 268
Expanded Liquid Metals, Integral Equations for Liquids, Effective Potentials 156–158 (1993) 149
Expanded Liquid Metals, Thermal Properties, Metal–Non-metal Transition 156–158 (1993) 659
Expanded Liquid Metals, X-ray Diffraction, Density 156–158 (1993) 650
Expanded Liquids, X-ray Diffraction, Microstructure 156–158 (1993) 646
Glass Formation, Solid State Reaction, Thermodynamics 156–158 (1993) 603
Liquid Alloys, Integral Equations for Liquids, Molecular Dynamics 156–158 (1993) 85
Liquid Alloys, Neutron Diffraction, Chemical Short-Range Order 156–158 (1993) 38
Liquid Alloys, Short-Range Order, Effective Potentials 156–158 (1993) 130
Liquid Metals, Amorphous Alloys, Electronic Structure 156–158 (1993) 332
Liquid Metals, EXAFS, Topological Short-Range Order 156–158 (1993) 102
Liquid Metals, Metallic Glasses, Dynamical Properties 156–158 (1993) 1
Liquid Metals, Photo-emission, Electronic Structure 156–158 (1993) 236
Liquid Metals, Pressure-Induced Structural Transformation, X-ray Diffraction 156–158 (1993) 157
Liquid Metals, Short-Range Order, Molecular Dynamics 156–158 (1993) 107
Liquid Metals, Surface Properties, Surface Tension 156–158 (1993) 822
Liquid Metals, Thermodynamics 156–158 (1993) 412
Liquid Metals, X-ray Absorption, Three-body Correlations 156–158 (1993) 112
Liquid Semiconductors, Amorphous Semiconductors, Raman Spectra 156–158 (1993) 725
Liquid Semiconductors, Doping, EXAFS 156–158 (1993) 756
Liquid Semiconductors, Electronic Conductivity, X-ray Diffraction 156–158 (1993) 744
Liquid Semiconductors, Metal–Non-metal Transition, Electrical Properties 156–158 (1993) 675
Liquid Semiconductors, Neutron Diffraction, Short-Range Order 156–158 (1993) 716
Metal–Insulator Transition, Expanded Liquids, Electronic Structure 156–158 (1993) 621
Metallic Glasses, Neutron Diffraction, X-ray Diffraction 156–158 (1993) 165
Metal–Non-metal Transition, Neutron Diffraction, X-ray Diffraction 156–158 (1993) 683
Modelling, Liquid Alloys, Amorphous Alloys 156–158 (1993) 89
Modelling, Medium-Range Order, Metallic Glasses 156–158 (1993) 94
Molten Salts, Neutron Diffraction, Magnetic Properties 156–158 (1993) 767
Molten Salts, X-ray Diffraction, Short-Range Order 156–158 (1993) 783
Monte Carlo Simulations, Liquid Semiconductors, Liquid Metals 156–158 (1993) 68
Neutron Diffraction, Topological Short-Range Order, Chemical Short-Range Order 156–158 (1993) 34
Quasicrystals, Crystallization 156–158 (1993) 914
Quasicrystals, Electronic Structure, Photo-emission 156–158 (1993) 891
Quasicrystals, Magnetic Properties, Crystallization 156–158 (1993) 909
Quasicrystals, Magnetic Properties, Local Environment 156–158 (1993) 905
Quasicrystals, Modelling 156–158 (1993) 936
Quasicrystals, Modelling, X-ray Diffraction, Neutron Diffraction 156–158 (1993) 927
Quasicrystals, Neutron Diffraction, Topological Short-Range Order 156–158 (1993) 918
Quasicrystals, Neutron Diffraction, X-ray Diffraction 156–158 (1993) 852
Quasicrystals, Solid State Reaction, Quenching 156–158 (1993) 927
Reverse Monte Carlo, Topological Short-Range Order, Medium-Range Order 156–158 (1993) 949
Transport Properties – Liquids, Effective Potentials 156–158 (1993) 145

Superconductors
Amorphous Alloys, Neutron Irradiation, Electronic Conductivity 156–158 (1993) 347
Metallic Glasses, Localization, Electron Interactions 156–158 (1993) 352

Supercooled Liquids
Amorphous Alloys, Mechanical Properties 156–158 (1993) 598
Dynamical Properties, Molecular Dynamics, Medium-Range Order 156–158 (1993) 80
Glass Formation, Crystallization 156–158 (1993) 580
Heat Capacity, Liquid Alloys, Differential Thermal Analysis 156–158 (1993) 450
Liquid Metals, Specific Heat, Calorimetry 156–158 (1993) 398

Surface Analysis
Amorphous Alloys, XPS, Auger Electron Spectroscopy 156–158 (1993) 837
Liquid Alloys, Surface Tension, Vaporization 156–158 (1993) 841
Liquid Metals, Photo-emission, UPS 156–158 (1993) 219

Surface Properties
Liquid Alloys, Thermodynamics, Phase Diagrams 156–158 (1993) 369
Liquid Metals, Neutron Diffraction, Computer Simulation 156–158 (1993) 812
Liquid Metals, Photo-emission, Electronic Structure 156–158 (1993) 817
Liquid Metals, Surface Tension, Structure 156–158 (1993) 822
Liquid Metals, Surface Tension, Viscosity 156–158 (1993) 830
Liquid Metals, Surface Tension 156–158 (1993) 833
Liquid Metals 156–158 (1993) 826

Surface Tension
Liquid Alloys, Vaporization, Surface Analysis 156–158 (1993) 841
Liquid Metals, Surface Properties, Structure 156–158 (1993) 822
Liquid Metals, Surface Properties, Viscosity 156–158 (1993) 830
Liquid Metals, Surface Properties 156–158 (1993) 833
Liquid Metals 156–158 (1993) 845

Thermal Properties
Amorphous Alloys, Mössbauer Effect, Magnetic Properties 156–158 (1993) 344
Critical Point 156–158 (1993) 455
Expanded Liquid Metals, Structure, Metal–Non-metal Transition 156–158 (1993) 659
Liquid Alloys, Neutron Diffraction, Short-Range Order 156–158 (1993) 153
Liquid Metals, Density 156–158 (1993) 417
Liquid Metals, Heat Capacity, Expanded Liquid Metals 156–158 (1993) 374

Thermodynamics
Amorphization, Mechanical Amorphization, Structure 156–158 (1993) 527
Amorphization, Solid State Reaction, Differential Scanning Calorimetry 156–158 (1993) 608
Amorphous Alloys, Chemical Short-Range Order, Annealing Effects 156–158 (1993) 445
Amorphous Alloys, Electronic Structure, Photo-emission 156–158 (1993) 263
Chalcogenides, Liquid Metals, Liquid Semiconductors, Structure 156–158 (1993) 356
Glass Formation, Glass Transition, Amorphous Alloys 156–158 (1993) 473
Glass Formation, Solid State Reaction, Structure 156–158 (1993) 603
Liquid Alloys, Calorimetry, Chemical Short-Range Order 156–158 (1993) 388
Liquid Alloys, Calorimetry, Short-Range Order 156–158 (1993) 379
Liquid Alloys, Chemical Short-Range Order, Ellipsometry 156–158 (1993) 362
Liquid Alloys, Electronic Structure, Photo-emission 156–158 (1993) 241
Liquid Alloys, Mass Spectrometry, Entropy 156–158 (1993) 425
Liquid Alloys, Mass Spectrometry 156–158 (1993) 429
Liquid Alloys, Phase Separation, Clusters 156–158 (1993) 407
Liquid Alloys, Short-Range Order, Clusters 156–158 (1993) 433
Liquid Alloys, Short-Range Order 156–158 (1993) 384
Liquid Alloys, Surface Properties, Phase Diagrams 156–158 (1993) 369
Liquid Metals, Amorphization, Freezing 156–158 (1993) 402
Liquid Metals, Metal–Non-metal Transition, Vapour Phase 156–158 (1993) 631
Liquid Metals, Specific Heat, Calorimetry 156–158 (1993) 421
Liquid Metals, Structure 156–158 (1993) 412
Liquid Semiconductors, Calorimetry, Specific Heat 156–158 (1993) 704
Liquid Semiconductors, Electrochemical Properties 156–158 (1993) 393
Melting, Defects, Mechanical Properties 156–158 (1993) 536
Metallic Glasses, Relaxation 156–158 (1993) 188
Phase Transition 156–158 (1993) 459
Quasicrystals, Crystallization, Electronic Conductivity 156–158 (1993) 923

Thermoelectric Power
Amorphous Alloys, Electronic Conductivity, Magnetic Properties 156–158 (1993) 324
Expanded Liquid Metals, Metal–Non-metal Transition, Electronic Conductivity 156–158 (1993) 654
Liquid Alloys, Electronic Conductivity, Metal–Non-metal Transition 156–158 (1993) 736
Liquid Alloys, Electronic Conductivity, Short-Range Order 156–158 (1993) 281
Liquid Semiconductors, Electronic Conductivity, Ionic Conductivity 156–158 (1993) 752
Liquid Semiconductors, Electronic Conductivity, Mobility Edge 156–158 (1993) 748
Melting, Freezing 156–158 (1993) 493

Thin Films
Amorphous Alloys, Neutron Diffraction, Amorphization 156–158 (1993) 177
Percolation, Conductivity, Fractals 156–158 (1993) 849
Stability, Elastic Properties, Hardness 156–158 (1993) 612

Three-body Correlations
Liquid Metals, X-ray Absorption, Structure 156–158 (1993) 112

Topological Short-Range Order
Liquid Metals, Structure, EXAFS 156–158 (1993) 102
Metallic Glasses, Neutron Diffraction, Chemical Short-Range Order 156–158 (1993) 169
Quasicrystals, Structure, Neutron Diffraction 156–158 (1993) 918

Reverse Monte Carlo, Structure, Medium-Range Order 156–158 (1993) 949
Structure, Neutron Diffraction, Chemical Short-Range Order 156–158 (1993) 34

Transition Metals
Liquid Metals, Density of States, Electronic Structure 156–158 (1993) 272

Transport Properties – Liquids
Diffusion, Dynamical Properties 156–158 (1993) 205
Dynamical Properties, Liquid Metals, Molecular Dynamics 156–158 (1993) 43
Structure, Effective Potentials 156–158 (1993) 145

UPS
Liquid Metals, Electronic Structure, Photo-emission 156–158 (1993) 226
Liquid Metals, Photo-emission, Surface Analysis 156–158 (1993) 219

Vaporization
Liquid Alloys, Surface Tension, Surface Analysis 156–158 (1993) 841

Vapour Phase
Light Scattering, Polarization 156–158 (1993) 663
Liquid Metals, Thermodynamics, Metal–Non-metal Transition 156–158 (1993) 631

Viscosity
Liquid Alloys 156–158 (1993) 441
Liquid Metals, Surface Properties, Surface Tension 156–158 (1993) 830

XANES
Liquid Alloys, EXAFS, Melting 156–158 (1993) 133

XPS
Amorphous Alloys, Surface Analysis, Auger Electron Spectroscopy 156–158 (1993) 837
Quasicrystals, Electronic Structure, Electron–Lattice Interactions 156–158 (1993) 882

X-ray Absorption
Liquid Metals, Liquid Semiconductors, Density 156–158 (1993) 687
Liquid Metals, Three-body Correlations, Structure 156–158 (1993) 112
Liquid Semiconductors, Metal–Non-metal Transition, Density 156–158 (1993) 708
Quasicrystals, Electronic Structure, X-ray Emission 156–158 (1993) 896

X-ray Diffraction
Amorphous Alloys, Electrodeposition, Neutron Diffraction 156–158 (1993) 181
Amorphous Alloys, Mössbauer Effect, Amorphization 156–158 (1993) 547
Crystallization, Metallic Glasses, Electron Microscopy 156–158 (1993) 567
Expanded Liquid Metals, Structure, Density 156–158 (1993) 650
Expanded Liquids, Structure, Microstructure 156–158 (1993) 646
Liquid Metals, Structure, Pressure-Induced Structural Transformation 156–158 (1993) 157
Liquid Semiconductors, Electronic Conductivity, Structure 156–158 (1993) 744
Mechanical Amorphization, Differential Scanning Calorimetry 156–158 (1993) 617
Metallic Glasses, Structure, Neutron Diffraction 156–158 (1993) 165
Molten Salts, Structure, Short-Range Order 156–158 (1993) 783
Pressure-Induced Structural Transformation, Amorphous Solids, Quenching 156–158 (1993) 540
Quasicrystals, Structure, Modelling, Neutron Diffraction 156–158 (1993) 927
Quasicrystals, Structure, Neutron Diffraction 156–158 (1993) 852
Solid State Reaction, Amorphous Alloys, EXAFS 156–158 (1993) 575
Structure, Amorphous Alloys, Neutron Diffraction 156–158 (1993) 24
Structure, Metal–Non-metal Transition, Neutron Diffraction 156–158 (1993) 683

X-ray Emission
Quasicrystals, Electronic Structure, X-ray Absorption 156–158 (1993) 896